

CORPORATE PROFILE

# Enhance solution with technology



# 10 Years of Excellence

**We believe every chance of failure is the great opportunity for success.** Our innovative and performance-driven solutions have brought us home and abroad recognition for excellence.

The past 10 years have been an amazing journey, full of incredible people, great clients, rich blessings, and countless opportunities for public strategies to create real solutions for Web and Mobile App, ERP, Fin-tech, DevOps, LMS, AI, E-Commerce, OCR, etc.

Since our founding in 2012, we have never stopped envisioning, developing, measuring, and refining solutions to meet the needs of our clients and communities.



# Who we are

As one of the fastest growing technology startups born in Bangladesh, Inflack brings trust to an increasingly technology driven world.

We find solutions for every business, whether it is building a mobile app, a web solution, an innovative cutting-edge solution or an internal team solution.

A team of skilled and enthusiastic engineers, designers, business analysts and project managers and other team members makes up Inflack. We are passionate about assisting customers and developing innovative and modern products for prospective clients. We conquer challenges and celebrate our victories together by using an agile approach



# What we do

We enable trusted digital solutions...

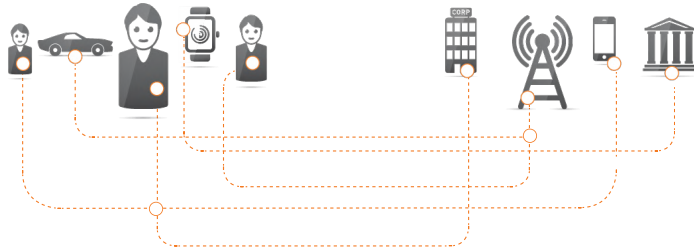
...by developing elegant, intuitive, and scalable software which delivers the goal...

...for customers in home and abroad.



STARTUP, SMALL AND MEDIUM BUSINESSES  
BIG ENTERPRISES

NON-GOVERNMENT AND GOVERNMENT ORGANIZATIONS



WE HELP BUSINESSES DESIGN AND BUILD DIGITAL PRODUCTS

OUR SEASONED DEVELOPMENT TEAM BUILDS APPLICATIONS THAT FULFILL USER NEEDS AND CLIENT REQUIREMENTS IN A TIMELY FASHION

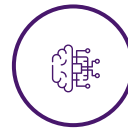
Web Application Development

Mobile Applications

Fintech Solution

Machine Learning

Artificial Intelligence



Government Solutions

Enterprise Solutions

Telecom Solutions

DevOps Service

Support Services

# Our company

## HIGHLIGHTS

Founded IN

2012

Based IN

DHAKA

SUCCESSFUL PROJECTS  
TILL 2022

300+

COUNTRIES WHERE  
OUR CLIENTS ARE BASED

11+

EMPLOYEES

50+

All number are as at the date  
of publication: December 2021

## Our values

### Customers

We put their needs at the center of our all endeavour to develop partnerships and eventually exceed their expectations.

In 2022 our independent survey showed that 95% of our clients were satisfied or very satisfied with Inflack.

### People

We value their diversity, encourage teamwork and conduct ourselves with integrity.

In 2022, 90% of our employees said Inflack is a good company to work for.

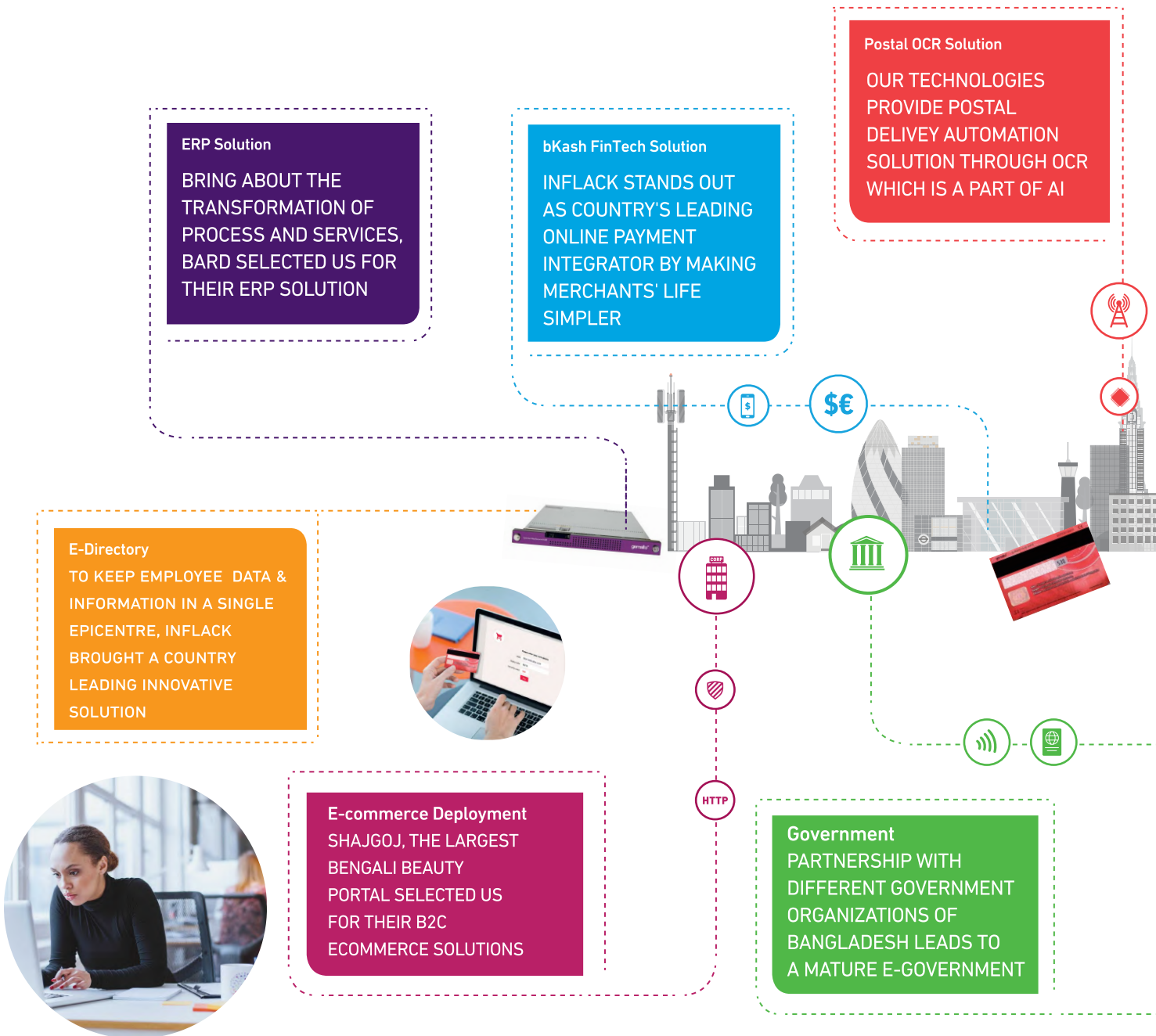
### Innovation

We continually develop valuable new ideas and creative approaches to business and technology.



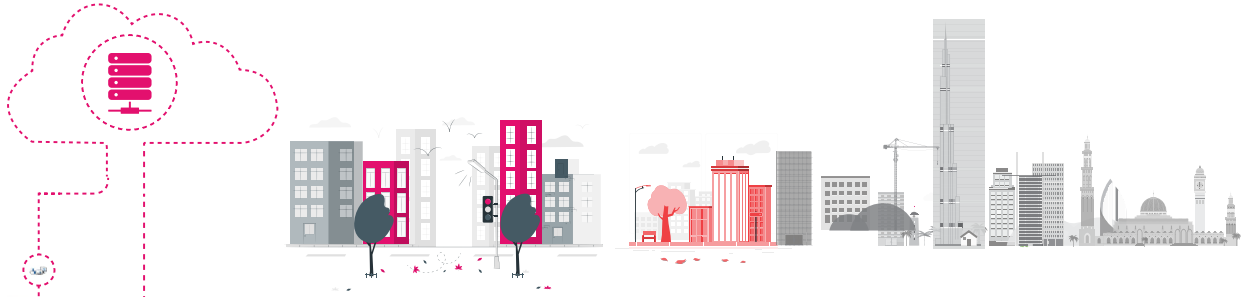
# Our markets, services and solutions

We serve our clients in 4 continents to deliver a vast range of digital solutions based on the latest technologies. These include custom software development, cloud solutions, web & mobile app development, e-Government and strategic consultation.





# Leading dynamic transaction and leveraging swift payment support



## CLIENT BRIEF

### FinTech solutions - bKash

**bKash Limited as Bank-led Mobile Financial Service Provider in Bangladesh, provides safe convenient and easy ways to make payment and money transfer services** via mobile phones to both the unbanked and banked people. bKash is successfully allowing access by providing their most need of such services, either of receiving funds from loved ones in distant location, or to access financial tools to improve their economic condition.

## DISCOVERY

- Delay payment process
- Lack of payment service status
- Hassle in payment transfer

## BENEFITS

- **Faster payment process**
- **Dynamic status of transactions**
- **Easy payment transfer among all**
- **Reduce extra managerial hassles**

## Problem in a nutshell

As bKash has a special focus to serve the low income masses of the country to achieve broader financial inclusion by providing services that are convenient, affordable and reliable, they had a hassle in different services and was not smooth all of those along with security and support system.

## Our solution

Inflack has cooperated to develop a digital payment platform for carrying out digital transactions and wage payments with the help of Fintech systems and the advancement of digital technologies. The three main functions of the system are to pay the recipient, transfer to a mobile financial service, and bank transactions from various locations like merchants, banks, etc., and allow customers to transact or transfer payments via MasterCard or credit card.

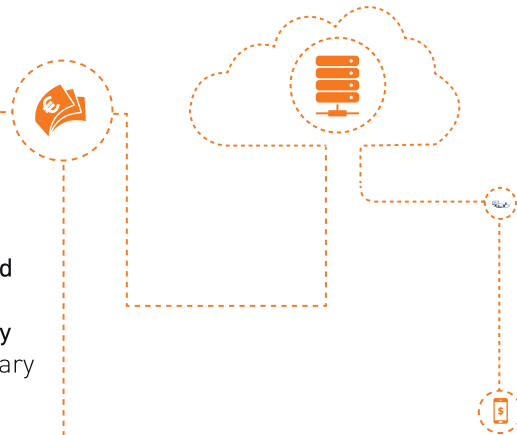


# Implementing smarter & cheaper driver test solution

## CLIENT BRIEF

### MTN Cameroon

Subsidiary of the MTN Group, represented in 22 countries, and telecommunication leader in Africa, MTN Cameroon is a payment and communication solution provider since February 2000. As a reliable world class network, which is as at February 2017 made up of more than 3700 base stations and 05 ultra-modern technical centers covering 93% of the population of Cameroon and ensures its presence, redundancy and service continuity over 50000 inhabitants.



## DISCOVERY

- Drive test inefficiency
- Requires massive human capital
- Vehicle patrolling cost
- Lack of reliability

## CORE TECHNOLOGY

- A consumer facing mobile app that allows to collect and test data straight from user's device
- Enable user to access customer service through the app
- Easy and fast way to analyze and highlighting the necessary parameters for service optimization

## Problem in a nutshell

Our client, MTN Cameroon used to run a drive test campaign to measure the network performance which was inefficient and costly and did not deliver real-time results. It requires extensive human capital, equipment, and time to physically drive around the various areas to test. The typical drive tester, at a minimum, requires a laptop running testing software, several cell phones, and a GPS device

## Our solution

Here at Inflack, we developed a convenient app that delivers comprehensive Virtual Drive Testing capabilities that minimize the need for standard drive tests. As a result, the company was able to execute huge cost savings in human capital, handsets, and equipment. Virtual drive tests ensure to collect the real-time data by analyzing the user experience closely and utilizing multiple data points to map the whole view.





# Enhancing public service productivity & ultimate economic growth through automated system



## CLIENT BRIEF

### ERP Solutions - BARD

Bangladesh Academy for Rural Development (BARD) is an autonomous organization took several initiatives for transforming the concept of digitization of service delivery mechanisms into reality for rural development. During the quantitative analysis, BARD realized that the service digitization mechanism is essential to address the challenges of Digital Bangladesh.

## DISCOVERY

- Manual managerial operations
- Lack of transparency
- Inefficiency & unproductivity
- Vulnerable security

## BENEFITS

- Digital system in the day to day operation
- Service delivery to the citizen
- An evidence based decision making system to enhance productivity
- Hassle free monetization

## Problem in a nutshell

BARD faced major drawbacks in providing its services such as keeping records in the traditional way, through various departments. As a result, it was labor-intensive to maintain all the operations smoothly. The manual process led to inadequate productivity of employees which did not align with the development of BARD.

## Our solution

Our Enterprise solution is based on an integrated digitized system which is working with BARD to achieve all impossible to possible. With this system all managerial functions can be consumed in a very smooth way to track and record the daily basis work for the government services.



# Releasing height clearance with growing automation system & permission to build infrastructure adjacent to airports

**CLIENT BRIEF**  
**Height Clearance Certificate Solution**

Civil Aviation Authority of Bangladesh (CAAB) restricts areas near airports to build houses and simultaneously provides Height Clearance Certificate. CAAB's mission to launch automation to measure land information accurately, generate certification and deliver faster to land owner along with online payment system.

## DISCOVERY

- Hassle in analog services
- Lengthy verification process
- Troubles in getting height clearance services

## BENEFITS

- Online verifications
- To make automation through digitized system
- Easy access to government services, especially for the height clearance
- Easy access through mobile app (Android & iOS) & web app

## Problem in a nutshell

The service recipient gets their permissible building height or height clearance certificate manually with several steps including some bank engagement for fee submission and related stuff. Sometimes it's very difficult to verify the procedure and hampering the ultimate service.

## Our solution

Inflack developed a suitable digital system that makes the height clearance certificate journey easier through the mobile and web application by providing necessary information afterward, our system processes the auto verification & finally shows the result to the recipient. This produces the function to gather all their services, data, and information along with an innovative map and GIS related solution that have been implemented and gathered under one system.



# Providing reliable information and servicing the best throughout the application



## CLIENT BRIEF

### Citizen Help Desk

The ultimate objective of Citizen Help desk is to provide services in regards to the Bangladesh Government with the aid of ICT to bring an increasing number of services available at the people's doorsteps by growing proportionately with increasing digitization and quickly evolving technologies, therefore the citizen help desk has been designed to provide all district-level government services to people's fingertips.

## DISCOVERY

- Lack of information
- E-literacy and ignorance
- Overpopulation
- Lack of transparency

## CORE TECHNOLOGY

- One stop help desk
- Citizen charter service management
- Easy and fast way to analyze and highlighting the necessary informations for government services

## Problem in a nutshell

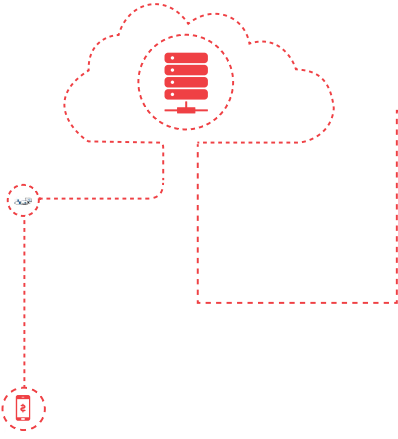
Bangladesh is facing significant difficulty in providing all the facilities to its inhabitants as a developing nation with the highest rate of growth. It is now time-consuming, expensive, and not transparent enough. Being a heavily populated nation, the government lost track of the need to deliver services right to the doorstep of citizens.

## Our solution

Inflack assures easy access and availability of information about all government services to people's doorstep through the Citizen help desk mobile app which has been designed to provide detailed information about district-level government services to make an **all-in-one TCV (time, cost, visit) effective platform for citizens.**



# Improving global technical and vocational skills results in self-reliance



## CLIENT BRIEF

### E-Learning Management - BTEB

**Bangladesh Technical Education Board (BTEB) is a technical and vocational education board for students.** BTEB maintains the whole education system among the citizens of Bangladesh. This organization prescribes instruction courses, the conditions governing students' admission and transfer, the manner and mode, or inspection.



## DISCOVERY

- Inadequate learning material management
- Unnecessary waste of time
- Hassles of carrying hard copies
- Drawbacks for remote accessibility

## CORE TECHNOLOGY

- Used advanced Moodle LMSA
- Enables dynamic courses for easy access
- Processed self-assessment
- Automated acknowledgment generation

## Problem in a nutshell

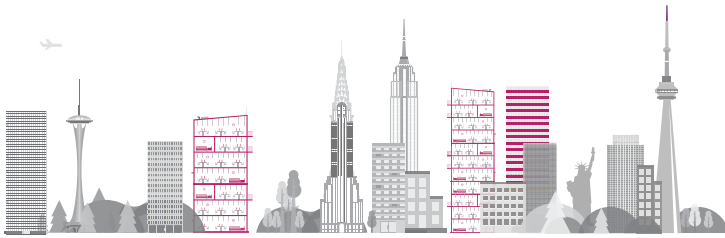
For educational institutions and businesses, analog processes pose a non-cost-effective method of learning which cannot eliminate expenses such as classroom rentals, transport and accommodations, instructor's salary, textbooks, supplies, and physical printouts. Another downside is a physical presence at the designated place is a time-costing factor nowadays.

## Our solution

Our E-LMS module system software solves the problem of wasting time on menial tasks like grading papers and saving time and helps to reach out to students living in remote areas to provide them with a basic foundation of industrial attachment and technical education. Through websites and mobile apps, any student can master the technical course (Android & iOS). Moreover, Inflack built and customized the LMS module system whose contents are totally free. The system helps any student to process self-assessment for any course.



# Creating a prospective e-Governance service to ensure a strong network of communication



## CLIENT BRIEF

### RHD e-Directory

**Roads and Highways Department (RHD) as a government organization has a huge amount of employee serving across country . To manage employees data in an epicentre, RHD makes out their hindrance to collect, manage and keep record in a database and measures of the Directory Application.**

## DISCOVERY

- Lack of communication
- Low privacy
- Inadequate information
- Difficult to get employee details

## BENEFITS

- First hand messaging system
- Search technology for contact details
- Processed department wise employee contact information
- Compatible with all mobile operating system (Android & iOS)

## Problem in a nutshell

Due to limitations of internal communication among the government officers, the Roads and Highway Department requires a common directory where all employee details will be incorporated centrally which will be used with adequate privacy.

## Our solution

Inflack provides an online e-directory system that contains all employee data by which anyone can communicate with each other through calling, messaging, and mailing through the directory system inside the application. Employees can communicate with the RHD system and update the essential data which is compatible with all mobile operating systems (Android & iOS).



# Providing E2E solutions, boosting revenues and enhancing the customer experience



## CLIENT BRIEF

### Shajgoj

**SHAJGOJ is an online marketplace with ecommerce stores. Among tons of online stores in Bangladesh, it aims to strictly adhere to international quality standards ensuring trust and reliability in customer service and originality in product. Realizing the surge in ecommerce platform in Bangladesh, it aims to redefine online shopping experience with home delivery, cash on delivery and installment facility for shoppers across country**

## DISCOVERY

- Lack of scalability
- Needs elasticity
- Security breach in system
- Poor redundancy

## CORE TECHNOLOGY

- AWS configuration
- Smooth migration
- Varnish and Redis setup
- Security enhancement

**29%** traffic increased after migration to **AWS FROM PREVIOUS SERVER**

## What We Do

The client thought of a robust, scalable, secured infrastructure in the Cloud with adequate security and performance. Our support team went through the server configurations and files. There were many features setup such as Varnish and Redis and the server had limited access.

In order to migrate smoothly at first we had to create an exact copy of the website on Amazon web Services. then configured EC2 instances for best performance and all existing features & services such as redis.

After the successful migration and configuration Inflack focused on security enhancement for the servers, databases and other components. Configured firewall according to the need and developed an automated solution to protect DDos. As the solution is in place, SHAJGOJ doesn't need to worry about the attacks or anything might hamper their businesses anymore.



# Facilitating training management system that hooks the greater achievements through learning



## CLIENT BRIEF

### BIAM Training Management System

BIAM Foundation is one of the leading government training institutes in the country mandated for enhancing the professional skills, expertise, and performance of the members, of the Bangladesh Civil Service (Administration) Cadre as well as other public and private organisations of the country. To bring the courses to ICT-enabled platforms, they measure to have a TMS application.



## DISCOVERY

- Lack of proper management
- Scattered training services
- Access of physical materials

## CORE TECHNOLOGY

- Course management with budgeting
- Proper scheduling process
- Organized events automated system
- Contactless evaluation process

## Problem in a nutshell

In the traditional training management system, there are so many drawbacks. A great disadvantage of not using a training management system is that it does not allow all information to be stored in one place, rather than having multiple places in motion where they are stored.

## Our solution

The BIAM training management system will be carrying data such as pre-course budgeting, Pre-course content, course management, budget management, user management, and certificate management modules. Subsequently, it consists of a few sub-modules. Inflack provides all of these services through a digital training automation system creating an efficient and scalable environment to train fully-fledged members of staff.



# Providing cybernated postal delivery automation to improve standard transfer documents



## CLIENT BRIEF

### RESONANCE

**Resonance is a postal delivery automation system designed to boost and simplify the postal delivery in Japan through automation. The system is packed with high-level operational tools of OpenSearch, OCR, PWA, and AWS that have accelerated the postal delivery efficiency for 65% professionals by photo scanning process.** The scanner codes the document's data and sends a verifying message, notifying the document subject, to the receiving person. On confirmation, our delivery executive goes on board to deliver the document. The resonance automation system aids in filtering out less important documents, saving time and resources.

## DISCOVERY

- Manual Postal operator
- Inefficiency & unproductivity
- Expensive Courier
- Time Consuming
- Vulnerable security

## BENEFITS

- Address Scanning
- Bounding box for Text Processing
- Data Filtering with OCR and OpenSearch
- AWS Cloud Operation

## Problem in a nutshell

The manual postal delivery system is more costly and expensive with several steps of delivering and handling of documents, containers, and mail items in accordance with internal Postal Operator rules.

## Our Solution

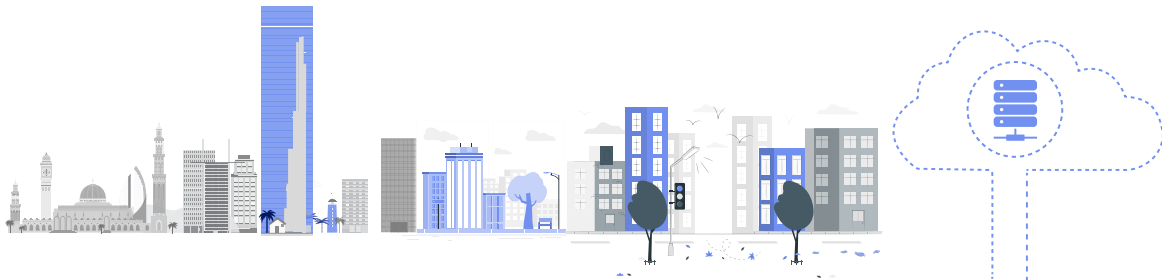
Inflack developed a convenient digital system that makes the postal delivery system easier. The system is equipped with advanced operational technologies such as **OpenSearch, OCR, PWA, and AWS** that have increased the efficiency of postal service for 65% of professionals through photo scanning. Time and resources are saved by using the resonance automation system to screen out unimportant documents.

- Security enhancement
- Automated Documents





# Facilitating training management system that hooks the greater achievements through learning



## CLIENT BRIEF

### GRYPAS HRM System

**Grypas is a group of companies having a large employee base, providing different services in different industries in Australia.**

To manage their employees and customers they feel to bring an HRM system that will automate their employee attendance, timesheet, payroll, job post, and many more features. It aims to accelerate its business growth by providing services to customers through strategic analytics.



## DISCOVERY

- Lack of proper management
- Inefficient and time-consuming
- Hassles of maintaining employees, customers, and companies
- Unorganized employee timesheet

## CORE TECHNOLOGY

- Used AI for face recognition
- API integration for timesheet
- Real-time timesheet development

## Problem in a nutshell

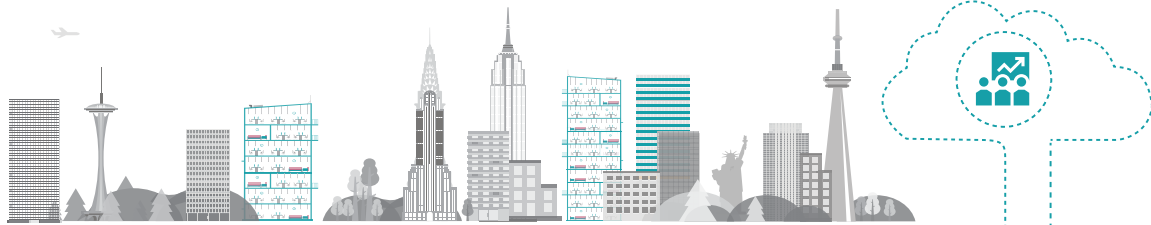
Having a high number of customers, companies, and employees, it was difficult for Grypas to keep track of everything manually. There were several drawbacks to having a manual employee management system since there was no available timesheet, attendance, and customer management for different companies. In this regard, Grypas had suffered a constraint in developing their business growth.

## Our solution

Inflack made sure to organize every aspect of the issues, we started off by implementing AI for face recognition attendance for every sister company and their employees, this has improved keeping track of every employee and their working hours at the companies. Furthermore, our API-integrated timesheet allowed a smooth and fair process for employees to receive their payroll, instant employee registration, and instant face recognition. our real-time timesheet development made supervising and keeping records for customers, companies, and employees hassle-free.



# Emerging towards success by empowering youth through diverse skills and development training



## CLIENT BRIEF

### ICT Division

Throughout the years, the **ICT division of Bangladesh has developed to an extent where students from rural and remote areas had the opportunity to receive training through various courses and projects.** ICT Division is implementing many development programs to ensure the sustainable development of ICT sectors. The ICT division has taken measures to conduct various types of training events across the nation. Infflack has provided several course areas through ICT Division for students residing in rural parts of the country to enhance their skill development.



## TRAINING PROJECT

- Freelancer to Entrepreneur
- Training for Trainers (ToT)
- Advance Professional Training
- Basic Training
- Outsourcing Training

## COURSE AREA

- [Web Design and Development](#)
- [Mobile App Development \(Android & iOS\)](#)
- [Game Development](#)
- [UI/UX Design](#)
- [Animation Development](#)

## What we provide

Infflack has catered to more than 3000 students in Bangladesh in various projects including Freelancer to entrepreneur Training, Training for Trainers (TOT), Advance Professional Training, Basic Training, Outsourcing training, etc in several course areas like Web Design and Development, Mobile App Development (Android and iOS), Game development, UX/UI Design, Animation Development, Graphics Design, App Monetization and many more.

Infflack outsourced projects and course areas through ICT division have aided students to be more skillful, diligent, and advanced in terms of technology. These courses motivated more students to join the training which enables them to grow their income through freelancing. It leads to better networking, professional development for better job opportunities and climbing the career ladder. The main purpose of arranging these training programs is to increase nationwide awareness for the significance of women empowerment, increase women employment through capacity building and increase self employment and entrepreneurship through ICT.



# Our expertise smooths complex design and functionality



## MOBILE AND WEB APPLICATION

Inflack is an international app development company, we believe in high security, performance, scalability, and flexibility. Our approach is designed to help you hit the market with an impeccable mobile app & web application. We pride ourselves on progress transparency, swiftness, and quality assurance all the way through. We have provided IT development skills for the past 10 years and we will go all out to tailor the app to your business specifics.



## DEVOPS SERVICE

Inflack designed DevOps services with a modern vision of moving towards Cloud Native in mind aiming at an advanced end-state solution encompassing microservices, and hybrid cloud infrastructure. It is a core competency at Inflack and Our DevOps services provide you with accelerated delivery models that produce software faster because of improved procedures, automation, and release planning among other things to achieve faster release cycles, innovative automation, technology advancement, and increased team collaboration.



## MACHINE LEARNING & ARTIFICIAL INTELLIGENCES

Our team of experts works hard to provide you with the latest machine learning best practices, computer vision, natural language processing, and more. We ensure to utilize all the latest machine learning and artificial intelligence required for your software tailored to your specific needs. Our skills to help your company leverage all of the potential AI technology has to offer. Inflack helps you transfer your ideas into tangible solutions through technical implementation.



## TECHNICAL RESOURCE OUTSOURCING

At Inflack Limited, it is our duty to give our clients access to the latest technical tools available to help them in performing their business activities. With the help of our skilled and experienced employees, we carry out the tasks requested by our clients and help them to enhance their business operations. We are developing new services, enhancing clients' sales capabilities, and making available specialized technical professionals on their projects



## MAINTENANCE AND SUPPORT SERVICES

Since 2012, Inflack has provided clients from various industries with a full range of IT maintenance and support services. Our clients always know they are covered according to our customized support service packages. Our IT support and maintenance services are designed to proactively handle the maintenance of software to ensure its bug-free deployment creating your software resilient and secure, we follow the finest application software maintenance practices.



## DATA ANALYTICS

Data analytics involves searching through large datasets to reveal patterns and trends, draw conclusions, and support business decisions with data-based insights. Identifying the appropriate technology to use in order to transform data into commercial opportunities, we assist clients in drawing conclusions from various data sets produced in real time. Additionally, we provide a variety of data services, such as consultancy, implementation, and support for the consolidation of enormous amounts of data.



# Our technology unleash the full potential of your workforce

  
**APP DEVELOPMENT**


  
**SERVER & DATABASE**



  
**DEVOPS**

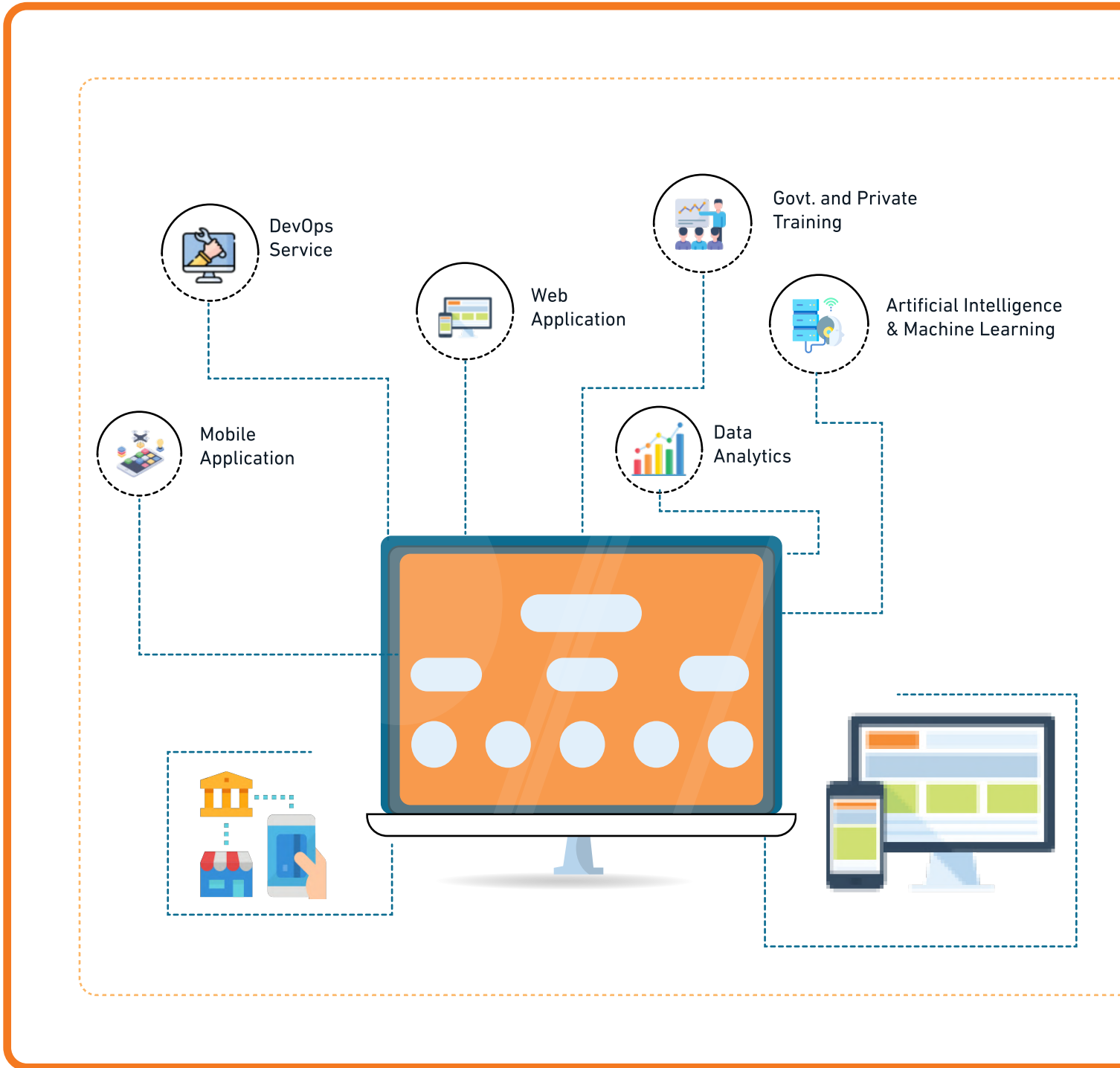
  


  
**MACHINE LEARNING & A.I**




# Our services set your goal succeeded

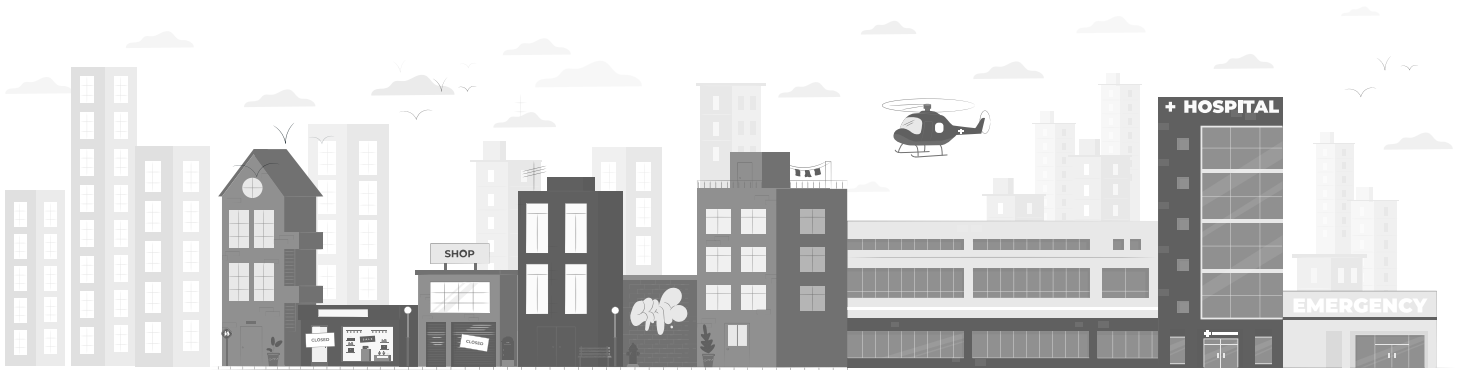
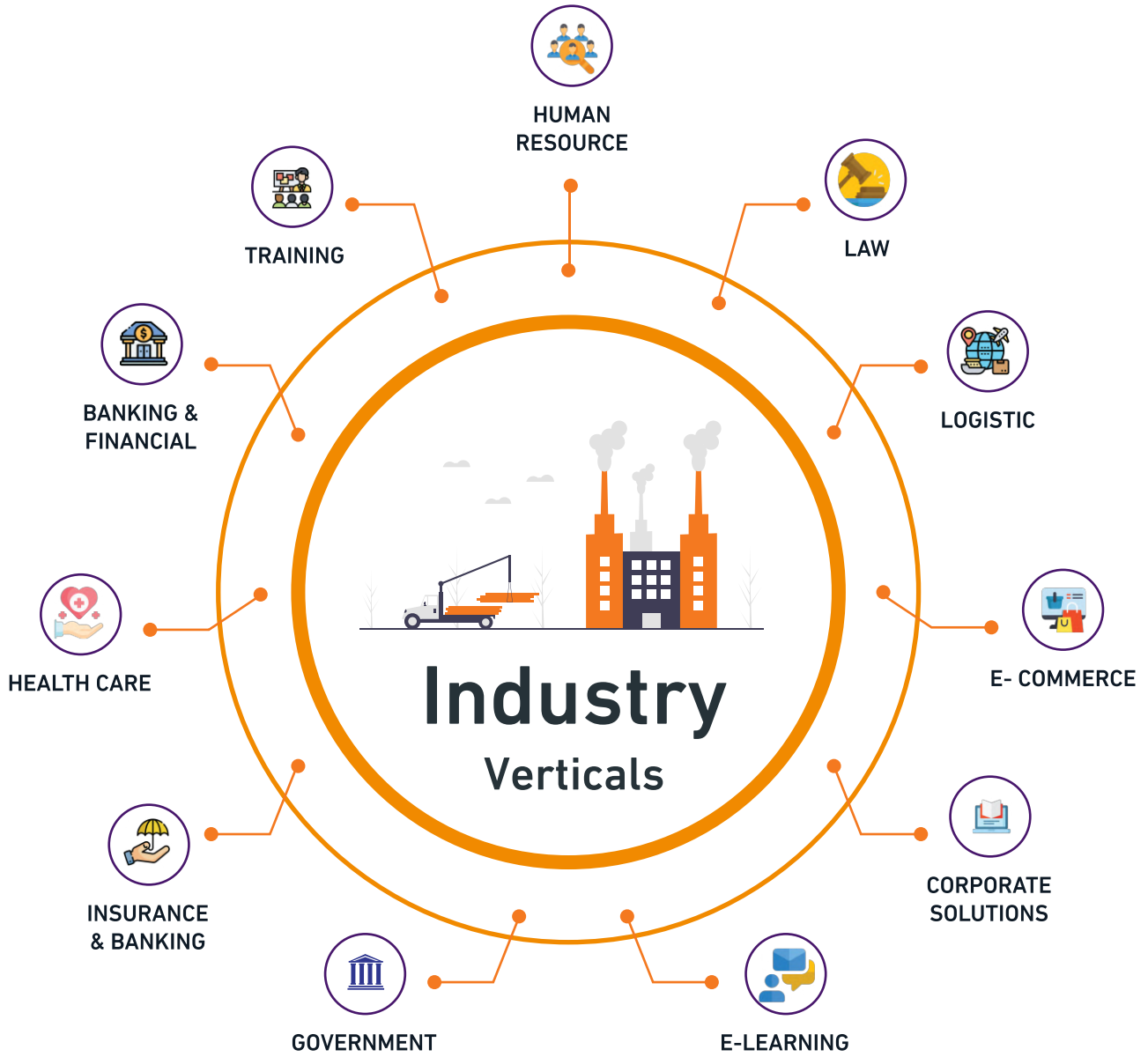




# Our collaboration tools make your project effective



We make sure to use the **tools that are top of the market to bring your ideas into reality**. Our careful selection of tools makes sure that your ideas are executed with the highest level of efficiency.



## Inspired to know more?

If you'd like to know more, we'd be pleased to hear from you.

You can find full details at [www.inflack.com](http://www.inflack.com) or on these social networks



[/company/inflack-limited](https://www.linkedin.com/company/inflack-limited)



[/inflack](https://www.facebook.com/inflack)



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## Get in touch

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