

Imran Hossain

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[Linkedin](#) | [Github](#) | [Website](#)

ABOUT ME

A highly skilled Full Stack Software Developer with over 6 years of experience in both part-time and full-time roles, specializing in front-end web design, backend development, mobile app creation, and IoT research. Proven track record of leading product development, managing teams, and implementing algorithms to solve complex problems. Adept at working across multiple platforms (Android, iOS, web) with a strong foundation in computer science principles and innovative solutions.

EMPLOYMENT HISTORY

CIS Tech Limited. (Formerly Creative IT Soft)

Dhaka-1207, Bangladesh

Full Stack Software Developer

April 2018 – Present

- Progressed from Junior Developer to Full Stack Software Developer, working both web and mobile application development for Android and iOS platforms.
- Designed and implemented front-end interfaces using modern frameworks such as React, Vue.js, Ant Design, Bootstrap, and Tailwind, enhancing user experience and performance.
- Developed and optimized back-end systems using PHP, Laravel, Python, and Django, integrating RESTful APIs and ensuring smooth cross-platform functionality.
- Led research in IoT projects, developing prototypes using Raspberry Pi, Jetson nano, ESP32, and Arduino, focusing on sensor integration and smart device automation.
- Collaborated with teams to design complex algorithms, conducted system architecture reviews, and ensured scalable and maintainable code.
- Mentored junior developers, conducted code reviews, and led the adoption of Agile methodologies, improving development efficiency and team collaboration.

PROJECTS

Business Area: Hotel Tourism, Farming, ERP(Small-Medium), E-Commerce

20±2 Web Application

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Tools: Python, PHP, Django, Laravel, React.js, Vue.js, API, MySQL, Postgresql, MongoDB, Bootstrap and JS.

- Delivering innovative web applications for the hotel tourism and e-commerce sectors.
- Developing tailored solutions for the farming industry to enhance operational efficiency.
- Implementing ERP applications for small to medium enterprises to streamline business processes.

Business Area: Hotel Tourism, Finance, E-Commerce

8±1 Mobile Application(Native & Flutter)

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Tools: Xcode, Android Studio, Swift, SwiftUI, Alamofire, Flutter, Dart, Kotlin, Firebase, REST APIs, SQLite.

- Developing mobile applications tailored to the needs of the hotel tourism sector.
- Building e-commerce solutions that improve online shopping and customer engagement.

Business Area: Electronics, Software, IoT, Robotics

IoT & Robotics

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Tools: Jetson Nano, Raspberry Pi, Arduino, ESP32, ROS, Sensors & PCB.

- Leveraging electronics and IoT expertise to create innovative solutions for R&D prototypes.
- Developing robotics applications that enhance automation and efficiency in various sectors.

SKILLS & STRENGTHS

Programming Language: Python 2.7, Python 3.X, Swift 5, PHP 5.6 To 8.0, Embedded C/C++.

Frameworks: Flutter 3.X.X, Django 3.X - 4.0, Laravel 5.X - 7.X.

Database: MySQL, PostgreSQL, SQLite.

Cloud: AWS(EC2, IoT), CPanel, DigitalOcean.

Front-End: HTML5, CSS3, Javascript, React.Js, Bootstrap, Tailwindcss.

Mobile: Native iOS(Xcode, CocoaPods, SwiftUI, Amlofire, Core Services+), Flutter 3.X.X,

Design: Sktech, Figma, Draw.Io, Keynote.

IoT: Arduino, ESP32, Raspberry Pi 3 & 4, Jetson Nano.

Version Control: Git, Github.

Operating System: MacOS, Linux, Windows, ROS And Raspbian.

HONOURS AND AWARDS

MILITARY INSTITUTE OF SCIENCE AND TECHNOLOGY (MIST) Dhaka-1216, Bangladesh

1st Runner-Up In Segment Kick-R at MIST Robolution-2019.

5 Apr 2019

ROBOLUTION is the biggest national robotics competition in Bangladesh organized by MIST Robotics Club of a renowned university, Military Institute of Science And Technology.

NORTH SOUTH UNIVERSITY

Dhaka-1216, Bangladesh

Runner-Up In Segment Soccerbot at National Robotech Festival-2017.

22 December 2017

ROBOLUTION is the biggest national robotics competition in Bangladesh organized by MIST Robotics Club of a renowned university, Military Institute of Science And Technology.

EDUCATION

UNITE INTERNATIONAL UNIVERSITY(UIU)

Dhaka-1212, Bangladesh

B.Sc. in Electrical and Electronic Engineering (EEE)

Spring-2022

Thesis: Optimization of Energy Usage for Edifice Electrical Appliances Using IOT.

CGPA: 2.24/4.00(68%)

MILESTONE COLLEGE

Dhaka-1212, Bangladesh

Higher Secondary School

20012-2014

Result: 5.00/5.00

BAMNI ADARSHA HIGH SCHOOL

Lakshmipur-3711, Chattogram, Bangladesh.

Higher Secondary School

2007-2011

Result: 4.25/5.00