

# Md.Asif-Ul-Islam

## contact

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## programming

♥ Java  
Javascript  
Python  
C++

## frameworks

Android  
Node & ExpressJs  
Spring Boot  
Flutter (*familiar*)  
Django (*familiar*)

## database

MySQL  
SQLite  
Firebase  
Redis

## development

Git  
Linux  
WSL  
Docker (*familiar*)

## languages

Bengali  
English

## career goals

A resourceful & ingenious software engineer & open-source contributor having tailored experiences in software development, seeking to build a long-term career in an organization that rewards dedication, and proficiency in software development & architectural patterns.

## experience

Feb 2021 – Present    **System Solutions & Development Technologies (SSD-TECH)**    [ssd-tech.io](https://ssd-tech.io)  
*Engineer, Technology – Fulltime*

### Sohoj - An international utility remittance service

- Implemented a competitive-analytics platform to track activities and milestones on certain API usages from client-side apps
- Developed internal APIs to restrict max no of user devices with end-user device manipulating capabilities
- Build requested features related to sales automation e.g - comparative report generation, daily-sales reports mailing and much more

### Laopay - A PGW Initiative (Laos)

- Build RESTful APIs with proprietary Bearer-Auth to develop features for a payment gateway
- Provided API documentations for the PGW APIs usage
- Integration with Boomcast, Tencent & other third-party services for interactive features

### Responsibilities

- Collaborate in a high-speed scrum environment to ship new features in shortest time possible
- Coordinated with technology & business teams in identification of problem-domains for new products and policies
- Attend daily scrum meetings to markdown daily tasks, and communicate technical queries.

## education

2021–    **Masters of Science in Computer Science (Part-time)**    Jahangirnagar University

2016–2020    **B.Sc (Engg.) in Computer Science & Engineering**    BAUST, Saidpur

2006–2015    **HSC '15 | SSC '13**    Dhaka Residential Model College

## personal projects

Nov 2020 – Present	<b>Musicroom</b> <i>Interactive music platform to listen, create &amp; share music rooms</i> <ul style="list-style-type: none"><li>• Built a music-sharing platform to create &amp; share musicrooms with unique codes, and listeners can vote for new playlists to be queued over</li><li>• Technology stack: Spring Boot, redis, MySQL, Reactjs, CSS</li></ul>
July 2018	<b>Security Pledge</b> <i>Course Project</i> <ul style="list-style-type: none"><li>• Built a native android app to provides the functionality to trigger their trusted contact about their location, mimicking an SOS operative.</li><li>• Technology used: Java, XML, Firebase, SQLite</li></ul>
July 2020	<b>Classification of forest changes in Sundarbans using CNN</b> <i>Course Thesis</i> <ul style="list-style-type: none"><li>• Developed a 3-layered CNN to classify forest textures from a time-series, achieving an accuracy of 90.8% over 1933 iterations</li><li>• Tech stack: Python, Scikit-Learn, SNAP (ESA)</li></ul>

## awards

July 2019	<b>Channel I - GPH Ispat Esho Robot Banai</b> Champion	Channel I & GPH Ispat Ltd
May 2017	<b>BAUST CSE Fest Programming Contest</b> 1st Runner-Up	BAUST CSE Society
April 2017	<b>IEEE Technical Programming Olympiad BAUST</b> Winner	BAUST EEE Fest
Feb 2014	<b>Square-DRMC 7th National Science Festival</b> 1st Runner-Up	DRMC Science Club

## interests

**professional:** artificial neural networks, signal processing

**personal:** video games, music, travelling