



Mayur Bhoi

mayur072000@gmail.com · Mail

mayurbhoi.com · Website

Mayur Bhoi · LinkedIn

Mayur57 · Github

December 2021 · Last update

EDUCATION

DELHI PUBLIC SCHOOL, VADODARA

10 CGPA - Grade 10

Completed in 2016

GREEN VALLEY HIGH SCHOOL, VADODARA

87% - Grade 12

Completed in 2018

MANIPAL INSTITUTE OF TECHNOLOGY, MANIPAL

B.Tech - Computer and Communication
Engineering

Expected in 2022

COURSE

UNDERGRADUATE

Design and Analysis of Algorithms

Object Oriented Programming

Operating Systems

Software Design Technology

Computer Network Protocols (TCP/IP)

Database Management Systems

Optimization Techniques

Matrix Algebra and Numerical Analysis

Multivariable Calculus & Differential Equations

Discrete Mathematics and Probability

PROJECTS

- **Twitter Bot** that compiles **COVID-19 resources** on Twitter created using **Tweepy** deployed on **AWS EC2** server using **Docker**
- App in **Python** to automate deletion of tweets by a user using analysis of **Twitter Archive** data
- CommitsAPI using **Express, Axios, and node.js** to fetch metadata of latest commits of a GitHub repository deployed using **Heroku**
- Published a Flutter package on official Flutter website that handles **Dynamic Device Scaling** named **dynamic_scaler**
- An app made using **node.js, Express, and Axios** to change Twitter header of the user dynamically to reflect recent followers and more with the help of Twitter API v2
- Recreated the arcade game **Space Invaders** as a website using **HTML-CSS-JavaScript**

EXPERIENCE

ACCIO ROBOTICS · Intern, Flutter Application Development

June 2020 - November 2020

- Ready-to-publish **Flutter application** client for enterprise users which features communication with a robust backend solution including features like live video feed streaming
- Fetching real-time location of the user and client using **Google Maps API** for the flutter framework
- Project also includes backend server APIs that handle **online user authentication (OAUTH)** with appropriate user data hashing protocols (**MD5 with Salt**)
- Server protocols also include **RTSP/RTMP** for instant streaming of the feed and real time updates to the user

MOBBYPARK · Intern, Flutter Application Developer

December 2020 - January 2021

- Two separate **Flutter applications**, involving communication with company servers using **RESTful requests**.
- Included authentication of users using custom API
- Developed a QR based logging system for users to easily scan and generate QR codes.
- Redesigned the apps for a better, easier-to-use and beautiful user interface, using **Sketch**.

THE MIT POST · Lead Flutter Application Developer

August 2019 - May 2021

- Maintained existing **Kotlin** based app and built the complete app from ground up using **Flutter** to replace the older version
- Displays blogs from the website using **HTML parsing** and hosts PDF notices using the **Firebase** storage
- Uses **Puppeteer API** and **node.js** for web scraping to log into the official student portal using headless browser automation
- Push Notifications and real time event updates handling using **GMS** and custom API respectively

SIGMA TENANT · Software Development Intern

April 2021 - June 2021

- Compatibility and stability testing of Flutter based app with the native iOS platform using **Swift**
- Developed industry standard unit tests for the app and deployed it to the iOS App Store

SKILLS

• LANGUAGES

C/C++, Java, Dart, Python, JavaScript, Go, Rust

• SOFTWARE DEVELOPMENT

App Development (Android/iOS/Flutter), Front-end Web Development (Vanilla, React.js, Next.js), Back-end Web Development (Node and MongoDB), AWS, Developer Operations (Jenkins, Docker, Kubernetes), and UI/UX Design