Mayur Bhoi

mayur072000@gmail.com · Mail
mayurbhoi.com · Website
Mayur Bhoi · LinkedIn
Mayur57 · Github
August 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

SKILLS

· LANGUAGES
C/C++, Java, Python, JavaScript, Go, Rust

· SOFTWARE DEVELOPMENT
App Development (Android/iOS/Flutter), Web Development (Vanilla and React.js), AWS, Docker, Kubernetes, and UI/UX Design

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`
- A website about LGBTQIA+ representation and community flags using **Bootstrap 5 and Babel**
- 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 seperate **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**.

WHATUP' LIFE FOUNDATION · Flutter Application Developer
July 2020 – September 2020

- A **Flutter application** client for the website so that users can read the blogs by the organisation and contact them using the app
- **Flutter Webview** and **JavaScript processing** are used for displaying a stripped down version of blogs on the website within the app
- **Firebase** and **Firestore** are used for OAUTH of the users and sending personalised push notifications on per account basis
- Users can contact the organisation using a generated mail template

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 Developement 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