



Mayur Bhoi

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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**
- 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**
- Script in **Python** to automate deletion of tweets by a user using analysis of **Twitter Archive** data

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**.

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 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