

Mayur Bhoi

(+91) 982-531-0192 • mayur072000@gmail.com • mayurbhoi.com
github.com/mayur57 • linkedin.com/in/mayur-bhoi • Updated April 2022

Education

Manipal Institute of Technology, Manipal

B.Tech in Computer and Communication
Engineering

Expected in 2022

- CGPA: 7.45
- Technical lead and volunteer in various clubs and communities

Skills

Proficient

Javascript, Python, AWS Platform,
Node.js, Next.js, React, React Native,
Flutter, MongoDB, Git

Familiar

C/C++, Java, SQL, Jenkins, DevOps,
Docker, Linux, Redis, Serverless, CI/CD

Miscellaneous

Figma, UI/UX Design, Product Design

Experience

Authenticating.com • SWE Intern, Full Stack

February 2022 - Present

- Wrote production level backend for HTTP API endpoints using Express and Mongo (MERN stack) following MVC architecture and Docker support and played a crucial role in building a product for the company from scratch
- Implemented auth middleware for JWT based request validation and user authorization
- Implemented production level server event logging using Winston, HTTP logging using Morgan & request schema validation using Joi
- Writing industry level tests for the entire server using Jest and several other features/scripts like custom linting validator, custom error handling middleware, commit automation, and more
- Working on React-based website for a company product that interfaces with the server. Also, worked on React Native apps for iOS and Android using Expo to build the product from scratch

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

MobbyPark Inc. • Flutter Development Intern

December 2020 - January 2021

- Wrote two Flutter applications, involving communication with the servers using REST requests including authentication of users
- 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 Developer, App Platform

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

Leadership

The MIT Post

Official Media Body of MIT, Manipal

- Served as Lead Developer - App Platform
- Served as Head of Design & Social Media to drive growth and social reach

Tech Tatva

Annual Technical College Fest

- Served as Committee Member to drive growth of the official handles of the fest and increase social media reach
- Mentored a team of juniors to make graphics assets for the fest

Projects

Portfolio Website

Next.js, Node

- Designed a portfolio app written in Javascript using the NextJS full-stack framework with upcoming content management system and API endpoints for blogs
- Uses Chakra UI for component design and deployed using the Vercel service

COVID Resources Bot

Twitter API, Python

- A Twitter bot to consolidate COVID-19 resources and information posted on Twitter using Twitter API written in Python
- Deployed on AWS EC2 server instance with multiple feature updates and maintained it for 4 months

Twitter Dynamic Header (Serverless)

Twitter API, Node.js, AWS Platform

- Changes Twitter header dynamically to update the latest followers and more
- Deployed using AWS Serverless Platform (AWS Lambda) to utilise serverless functions to trigger updates when a new follower is detected from Twitter API

Twitter Nuke

Twitter API, Python

- A Python-based applet that uses Twitter API and Twitter User Archive to delete tweets of an account faster than the official Twitter API
- User can select filter and thresholds for tweets to be deleted such as only deleting tweets with less a certain number of likes/retweets

CommitsAPI

Node.js, GitHub API

- A Node-based server with REST APIs to get the latest information about commits, pull request and other details in a more granular fashion than the GitHub API.
- Deployed on a AWS EC2 instance

Dynamic Scaler

Flutter

- A Flutter package that enables dynamic scaling of widgets, images and padding
- The package enables support device dependent scaling (responsive scaling) for widgets originally not supported natively by Flutter