Mehul Minat

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EDUCATION

Charotar University of Science & Technology   **Jun 2020 - Present**

Bachelor of Technology in Computer Science & Engineering | Cumulative GPA : 9.84/10   *Anand, GJ*

- Received MYSY Scholarship annually for 4 years covering 50% of tuition fees.

TECHNICAL EXPERIENCE

Digital For Humanity CIC   **May 2023 – Oct 2023**

Full Stack Engineer Intern   *London, UK*

- Developed CRM with Angular and automated builds using CI/CD pipelines and deployment over VPS.
- Assisted in creation of backend of an educational dashboard with NodeJS as backend. Implemented microservices architecture resulting significantly reduce incurred cloud infrastructure costs and highly available system.
- Integrated tools like PowerBI, Microsoft Clarity, HubSpot, migrated projects from UA to GA4 analytics. Coordinated tasks with interns.

The Brand Works   **May 2022 - Jun 2022**

Web Developer Intern   *Hyderabad, TG*

- Created user interfaces using frontend libraries for PWA. Converting Figma and Adobe Xd prototypes to real working sites.
- Wrote script for auto provisioning of SSL certificates. Assisted in website migrations and handled databases for other projects.

LancingDev   **Mar 2021 - Present**

Co-Founder   *Vadodara, GJ*

- Took decisions to choose tech stack to implement projects. Made PWAs, cross platform mobile apps with Flutter.
- Responsible for all migration, hosting, DNS mapping of clients project. Additionally, wrote few technical articles on our blog site.

TECHNICAL SKILLS

- **Programming:** Java, C++, Python, JavaScript, Typescript, Dart, UI/UX, Shell Scripting, MySQL, MongoDB, GraphQL, Flutter, FireBase, Node.js, Angular, AWS, Docker, Kubernetes
- **Tools & Libraries :** VCS (Git), CI/CD , Wireshark, Selenium, GNS3, Nmap, Cloudinary, Vercel, Asana, Jira, HubSpot, CorelDraw.
- **Certifications :** DevOps on AWS – Specialization, Operating Systems by Google, Programming for Everybody (Python) by University of Michigan, Network Support & Security by Cisco, Programming in JAVA by NPTEL(ranking in top 2%), Introduction to Critical Infrastructure Protection (ICIP) by OPSWAT, Postman API Fundamentals Student Expert.

PROJECTS

Monolith To Microservices Architecture : E-Commerce Backend

- Converting monolith tightly coupled app to microservice based by segregating Shopping, Customer and Product Services.
- CI/CD pipeline on infrastructure repo consisting of separate repos for different services. Monitored the same using CloudWatch. Docker based deployment with Beanstalk eventually would be transitioning into Kubernetes based.

Pot Hole Detection : Hardware Based IoT Project

- Detects pot holes based Z-axis acceleration using MPU 6050 gyroscope with clear feedback on lcd display.
- Detecting location of pots using GPS library and feeding the data to firebase. Additionally for tracking , developed cross platform app using flutter, listing all markers on maps using Google Maps API.

Q&A Forum

- Developed a fully functioning forum leveraging use of GraphQL, allowing clients to request only the data they need, reducing over-fetching and under-fetching of data.
- Used Apollo server to build self-documenting GraphQL API server.

Pill Reminder App

- Flutter based application using SQFLITE as internal database and using custom notifications to notify the user.

LEADERSHIP EXPERIENCE

Executive Central Council, *CC Member* (*Department Representative*)   **Aug 2022 – Jul 2023**

- Designed a comprehensive roadmap for the smooth conduction of events organized university-wide. Handling participation of more than 300 students, micromanaged tasks by leading team of 6 department volunteers and management of events simultaneously.
- Took initiatives in the annual sports and cultural fest which made fests a success and ensured student participation and operational efficiency. Handled financials for annual sports and cultural fests.

Club Gamma, *Mobile App Team*   **Sep 2022 - Nov 2023**

- I shared insights on the latest mobile app development frameworks and deployment strategies using cloud technologies through seminars and peer learning sessions, fostering a dynamic learning environment. Assisted and solved queries of members.
- Build a community with more than 120 active members contributing regularly.

EXTRA-CURRICULAR ACTIVITIES

- Achieved 3rd rank in codeSPREE coding contest organized by IEEE Depstar.
- Volunteered for Regional level Hackathon Contest organization & smooth conduction of cultural event NAAC team peer visit.
- Got involved in communities like GDG Baroda and AWS Vadodara and attended sessions by experts.