Jatin Mamtora

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EDUCATION

Charotar University of Science & Tech.[B.tech Computer engineering] Anand, Gujarat, IN
Course Work: operating system, DAA , DSA , Computer Networks – CGPA: 9.56 *2021 – 2025*
Jeevanshilp International Kapadvanj, Gujarat, IN
Higher Secondary PCM – Percentage: 92% *2019 – 2021*

PROFESSIONAL EXPERIENCE

Software Intern May.2023 – July.2023
PraxInfo *Ahmedabad, Gujarat, IN*
- Developed 99% responsive website (Link) using HTML, CSS, JavaScript, and Bootstrap.
- Gained hands-on experience in front-end technologies and basic database design principles to reduce redundant data up to 75%.

Backend Contributor/Maintainer - GSSOC July.2023 – August 2023
Amupedia *Remote*
- Streamlined GitHub repository management, resolved issues and reviewed 15+ pull requests ensured smooth code collaboration.
- Lead the development of **REST-APIs** for user authentication and blog management using **NodeJs** and **MongoDB**.
- Pioneered to the role of Maintainer for significant contributions and solving 3+ issues.

PROJECTS

Exam Eye | *TypeScript, WebRTC, NodeJs, Postgresql* Present
- ExamEye web based **online exam** taking **tool** with **AI based proctoring** and **browser lockdown** features, lowering cheating up to **97**% and providing overall and individual exam **report** to admin, created in 6 member team.
- Contributed as backend developer utilizing **TypeScript**,Prisma and PostgreSql to achieve 20% faster data retrival.
- Implemented **Dependency Injection** and integrated **Cloudinary** for video & image storage by minimizing load up to 20% on db.

Quotation Maker | *NodeJs, ReactJs, Postgresql* September 2023
- Quotation Maker, a web application for **creating quotations** with unique feature of **maintaining** different **versions** of quotation saving 50% of average quote preparation time.
- Introduced feature to **download** quotation, Customer and Product list in **PDF or CSV** format in less than 1mb.
- Leveraged psql and Nodejs to build a **scalabe database** design and secured system with use of **JWT**.

Recycle-Bids | *Typescript,NodeJs,AWS,Stripe,MongoDB* August 2023
- Developed used item auctioning API w/ **Stripe** integration **Socket**.io for real-time bidding, reducing storage costs 30% via **AWS S3-Bucket**
- Maximized 30% more maintainability by applying **SOLID** principles with TS

TECHNICAL SKILLS

Programming Languages: C/C++ , JavaScript , Typescript , HTML/CSS , Bash
Frameworks: Node.Js, Jest
Developer Tools: Git, AWS , Google Cloud Platform, VS Code, Github Actions , Docker , Postman
Database: MongoDB , MySQL , PostgreSQL
ORM's/OCM's: Mongoose, Prisma, Sequelize

ACHIEVEMENTS

- Earned 2x Google Cloud Networking badge.
- Clinched **1st** Rank in **GeeksForGeeks University** level.
- Contributed in open-source **HacktoberFest**'22,**GWoC**'22,HacktoberFest'23 & maintainer in **GSSOC**'23
- Top 27% **Leetcode** with highest rank of 4545 in world and **rating** of **1568**
- Achieved 10th and 17th position in open university coding competition.
- Collaborated with diverse teams to solve complex challenges & participated in 7+ Hackathons.