Jatin Mamtora

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EDUCATION

Charotar University of Science & Tech.[B.tech Computer engineering]   Anand, Gujarat, IN
CGPA: 9.59   *August 2021 – March 2025*
Jeevanshilp International   Kapadvanj, Gujarat, IN
Higher Secondary PCM – Percentage: 92%   *March 2019 – March 2021*

PROJECTS

Exam Eye | *TypeScript, WebRTC, NodeJs, Postgresql*   *(Link)* Present
- Engineered ExamEye web based **online exam** taking **tool** with **AI based proctoring** and **browser lockdown** features, lowering cheating and providing overall, individual exam **report** to admin.
- Orchestrated backend development using **TypeScript**, Prisma, and PostgreSQL, worked with **3 factor authentication** feature, created student side scalable **API's and created CI/CD pipeline,** implemented **rate limiter**
- Worked with **Sockets for real time data** and integrated **Cloudinary** for video & image storage by minimizing load.

Vercel Clone | *Typescript, Node.js, AWS, Docker*   *(Link)* January 2024
- Developed a Vercel clone that automates the deployment of projects from Git repositories, utilizing **AWS ECS** and **AWS ECR** for container **orchestration**.
- Configured a **reverse proxy** server to manage traffic to the deployed services, ensuring efficient **load balancing** and routing.

Quotation Maker | *NodeJs, Postgresql*   *(Link)* September 2023
- Prepared Quotation Maker, a web application for **creating quotations** with unique feature of **maintaining** different **versions** of quotation saving 50% of average quote preparation time.
- Designed and implemented a **complex database schema**, ensuring security through a **JWT-based authentication system.** and created **REST API's.**
- Introduced feature to **download** quotation, Customer and Product list Moreover, executed a robust **mailing service using Nodemailer**.

PROFESSIONAL EXPERIENCE

Software Development Intern   May 2023 – July 2023
PraxInfo   *Ahmedabad, Gujarat, IN*
- Revitalized a website, achieving 99% responsiveness using HTML, CSS, JavaScript, and Bootstrap. (*Link*)
- Worked on inventory management system as a backend developer and designed database for the same in SQL and worked with complex queries.

Backend Contributor/Maintainer - GSSOC   July 2023 – August 2023
Amupedia   *Remote*
- Resolved issues, and oversaw 15+ pull requests, ensuring seamless code collaboration resulting to **promotion to maintainer** role .
- Spearheaded the development of **REST-APIs** for user authentication and blog CRUD operations using **NodeJs** and **MongoDB**, resulting 30% increase in blog engagement.

TECHNICAL SKILLS

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

ACHIEVEMENTS

- Secured **first position** in a 36-hour **National hackathon** at CVM University with **ExamEye** Project.
- **Certified AWS Cloud Practitioner April-2024**.
- Clinched **1st position** among 140+ teams at **National-level hackathon** named **HackSavvy'24** conducted by MGIT, Hyderabad representing **ExamEye** project.
- Received **consolation prize** in 36 hour Parul **National** level **Hackathon** among 165+ teams
- Awarded **Silver priz**e at **Makers Fest 2024** through the successful presentation of the **ExamEye** Project.
- Contributed to **open-source** projects in **HacktoberFest**'22, **GWoC**'22, HacktoberFest'23, and in **GSSOC**'23.
- Ranked **top 15%** on **LeetCode** with a rating of **1705*** and **solved 800+ data Structure and algorithm problem**.