Jatin Mamtora

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EDUCATION

Charotar University of Science & Tech.[B.tech Computer engineering]　　　Anand, Gujarat, IN
CGPA: **9.56**　　　*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*　　　Present
- Engineered ExamEye web based **online exam** taking **tool** with **AI based proctoring** and **browser lockdown** features, lowering cheating up to **97**% and providing overall, individual exam **report** to admin, created in team.
- Orchestrated backend development using **TypeScript**, Prisma, and PostgreSQL,worked with **3 factor authentication** feature and student side robust **API's**
- Worked with **WebRTC and Sockets for real time data** and integrated **Cloudinary** for video & image storage by minimizing load on db.

Quotation Maker | *NodeJs, Postgresql*　　　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.** Moreover, executed a robust **mailing service using Nodemailer**.
- Introduced feature to **download** quotation, Customer and Product list in **PDF or CSV** format in less than 1mb.

Recycle-Bids | *Typescript,Node.Js,AWS,MongoDB*　　　August 2023
- Developed used item auctioning API with & **Socket.io** for real-time bidding, reducing storage costs 30% via **AWS S3-Bucket**
- Leveraged socket.io for creating group and providing real time auction service and developed resilient API's for authentication and product **management**.

PROFESSIONAL EXPERIENCE

Software 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, 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

- Secured **first position** in a 36-hour **National hackathon** at CVM University with **ExamEye** Project.
- Clinched **1st position** among 140+ teams at **National-level hackathon** named **HackSavvy'24** conducted by MGIT, Hyderabad representing **ExamEye** project.
- **Finished 4th**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 in the **top 27%** on **LeetCode** with a highest world rank of 4545 and a rating of **1568**.
- Achieved **10th and 17th** position in open university coding competition.