Amish Pithva

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Skills

Programming Languages: C++, Java, JavaScript, Typescript, SQL
Backend: NodeJs, ExpressJS
Frontend: ReactJS, Redux, HTML, CSS
Databases: MogoDB(NoSQL), MySQL, PostgreSQL
Cloud/DevOps: Docker, AWS(EC2, S3)
Web Technologies: Socket.IO, Redis
Tools: Linux, Postman, Version Control(Git, Github)
Languages : English (Conversational proficiency), Native Hindi Gujarati speaker

Projects

Talk-a-Tive(Chat-app) ⧉   <u>Source Code</u>

- Techstack - ReactJs, NodeJs, ExpressJs, MongoDB, Material UI, Socket.IO
- Designed and implemented **real-time** messaging functionalities, including one-to-one and group chat features, supporting over **100** users simultaneously.
- Developed a real-time live **location-sharing** feature within the chat application, enhancing user connectivity and convenience, with a location update **latency** of **less than 2** seconds.
- Integrated Material UI components to enhance user interface consistency and reduce development time by **30%**.
- Optimized DB queries using **Indexing** and **Aggregation Pipeline** Method, reduced response time by **50%**

YourPrepPartner(OA Platform) ⧉   <u>Source Code</u>

- Techstack - React, ExpressJs, NodeJs, MongoDB, ChartJs, Redis
- Enhanced API performance by integrating a **Caching** layer, improving query response times by **40%**.
- Accelerated UI development by **30%** using a component library for efficient and consistent design.
- Designed **Progress Analytics** to provide detailed performance tracking for users.
- Deployed on **Vercel** (frontend) and **Render** (backend) for scalable and reliable production hosting.

Achievements

GTU Techfest (Code Storm - Runner Up)   **March 2023**

- I clinched the **runner-up** position among **500** participants in the Code Storm event, held during the Central Tech Fest organized by GTU.
- It provided invaluable exposure to emerging technologies and fostered networking opportunities with industry professionals
- **prioritized** tasks during the event, managing an intense schedule to solve over **12** coding problems in under **3-4** hours while ranking among the top participants of 500 competitors.

Algorithmic Competitions

- Solved **500+** Problems across **Leetcode** and **GeeksforGeeks.**
- Secured the coveted **1st** position on the **College** Level in the **GeeksforGeeks** Institute Leaderboard ⧉
- Achieved a **5-star** rating on **HackerRank**, showcasing expertise in algorithms, data structures, and logical reasoning. ⧉
- Achieved highest contest rating of **1467** on LeetCode.

Education

Ahmedabad Institute of Technology, Gujarat   **2021-2025**
B.Tech in IT(Information Technology)   *7.92/10 CGPA*

St. Xavier's High School, Gujarat   **May, 2021**
PCM with Computer Science   *8.0/10 CGPA*