Harsh Gajjar

Ahmedabad | gajjarharsh201@gmail.com | +91 8849718462 | harsh-gajjar.netlify.com

linkedin.com/in/dev-harsh-gajjar | github.com/ha-rsh20

Summary

Results-driven Systems Engineer with a proven track record at TCS, enhancing core trading systems through innovative feature design. Proficient in JavaScript and ReactJS, I excel in collaboration and problem-solving, ensuring high system availability and seamless deployments. My experience with cloud infrastructure and backend technologies positions me as a valuable asset in any development team..

Education

Charotar University of Science and Technology, B.Tech. in I.T.   May 2020 – May 2024

- GPA: 8.62

Experience

System Engineer, TCS – Mumbai   Aug 2024 – Present

- Enhanced the core trading system by designing and implementing new features.
- Collaborated with front-end developers and QA teams to ensure seamless deployment and high system availability.

Azure Trainee, UCI – Vadodara   Jan 2024 – May 2024

- As an intern at UCI, Developed a .NET project with an SQL Server database. Geared towards deployment on the Azure platform, demonstrating an understanding of cloud infrastructure.

Projects

Live chat application

- Designed and implemented a secure authentication system with OTP verification to ensure user identity verification during login.
- Developed and exposed RESTful APIs using Express.js and Node.js, enabling user management and chat functionalities. Integrated real-time communication with Socket.io, enabling seamless one-to-one and group messaging.
- Built a responsive front-end using React and Redux, ensuring smooth user experience across devices. Coordinated backend and frontend components to deliver a full-stack, real-time messaging application.
- **Tech Stack: MERN Stack, Redux, Socket.IO**

VBook - Book management Application

- Designed and developed a role-based book management platform enabling:
  - Buyers to browse and purchase books,
  - Sellers to add, update, and delete their own books,
  - Admins to manage users and assign admin roles.
- Built RESTful backend APIs using Node.js and Express.js to handle user management, book operations, and admin functionalities.
- Secured the application with JWT-based authentication and role-based access control, ensuring data protection and access governance.
- Developed a responsive front-end using React.js, integrated with Redux for efficient state management and dynamic role-specific views.
- **Tech Stack: MERN Stack, Redux**

Video-Call application

- Implemented a secure authentication system with OTP verification, including password reset functionality for enhanced user account security.
- Developed RESTful backend APIs using Express.js and Node.js to handle user management, session control, and call operations.
- Integrated ZegoCloud SDK for enabling high-quality, real-time video calling functionality.
- Built a responsive front-end using React.js, consuming backend APIs and managing state with Redux for real-time updates and smooth UI interaction.
- Leveraged Socket.io for establishing low-latency, real-time signaling between users during video calls.
- **Tech Stack: MERN Stack, Redux, Socket.IO**

Skills

Languages and Technologies: React.JS, Node.JS, C/C++, SQL/PLSQL, MongoDB, Linux, Git/GitHub

Cloud Technologies: Azure, AWS, Docker

Achievements and Certifications

- AWS Academy student, certificate provided by **AWS Academy: Cloud Foundation and Cloud Developing**
- **Docker, Jenkins and Kubernetes**, certificate provided by KodeKloud
- Azure Certified, certificate provided by Microsoft **AZ-900, AZ-104 and AI-102**
- Solved **150+ LeetCode** problems
- **Runner-up** in the **hackathon**, a hackathon event organized by UCI
- Participated in **CodePie 2.0**, a competitive programming contest in association with CodeChef
- SQL vs NoSQL, certificate provided by Scaler topics