Vasu Sharma

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TECHNICAL SKILLS

Languages: Java, C++, HTML, CSS, JavaScript, SQL
Frameworks: React, Node.js, Express.js, Material-UI, Tailwind CSS, Bootstrap
Databases: MongoDB
Developer Tools: Git, Postman, Cypress, Docker, Redis, Jenkins

EXPERIENCE

Brane Enterprises   September 2023 - September 2024
Frontend Developer / Associate Solution Leader Trainee

- Developed a highly scalable **TRIAGE SYSTEM** utilizing **React**, **Node.js**, and **MongoDB** to efficiently manage and analyze **100K+ daily UI/API test cases**, achieving a **40-50% reduction** in triage time for the QA team and a **25**% increase in overall team productivity.
- Collaborated with backend teams to **integrate RESTful APIs**, streamlining **application workflows** and delivering an enhanced, seamless **user experience** with a **10**% decrease in user complaint rates.
- Designed and deployed advanced **UI components** with **Material-UI**, significantly improving the platform's **responsiveness**, usability, and visual consistency, resulting in a **15**% increase in user satisfaction.
- Streamlined development pipelines by automating build, test, and deployment processes using **Jenkins**, enabling rapid and reliable **continuous integration (CI)** and **continuous delivery (CD)**, reducing deployment time by **30**%.
- Enhanced application reliability and performance by conducting **comprehensive UI and API automation testing**, reducing manual testing efforts by **40**% and ensuring robust software quality with a **99.9**% uptime guarantee.

PROJECTS

Pehravaa | E-COMMERCE APPLICATION

- Built an e-commerce website using the **MERN** stack and Tailwind, with integrated **payment** gateway functionality.
- Engineered end-to-end functionality, ensuring seamless navigation and a streamlined checkout process.
- Utilized **Tailwind** to enhance the user interface, resulting in a **20% increase** in user engagement.
- Integrated a secure payment gateway, contributing to a **15% reduction** in transactional errors
- Achieved a **98%** defect resolution rate through thorough testinreductiong before project release..

Gemini Clone

- Developed a **fully-responsive** clone of the Gemini AI interface, enhancing user interaction metrics by **50**% through a modern and intuitive user interface designed with **React** and **CSS**.
- Implemented **Context API** for efficient state management, resulting in a **30**% reduction in data flow issues and improving component interaction.
- Utilized **React Hooks** to create dynamic features, boosting user engagement by **40**% with interactive elements and smooth functionality.

EDUCATION

Chitkara University   Rajpura, Punjab
Bachelor of Engineering in Computer Science CGPA: 9.7   *Aug. 2020 – 2024*

GMSSS 37-B   Chandigarh
Class XII Percentage: 69%   *2019 – 2020*