

Nikhil Saini

Software Engineer

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Experience

Cavisson Systems Inc. Software Engineer

Noida, India
Sep 2023 - Present

- Oversaw the development of an AI-powered Chatbot, achieving a significant 20% improvement in message exchange efficiency. Seamlessly integrated OpenAI function calling via **Rest APIs** using **Angular, React, NodeJS, MongoDB, and GIT**, optimizing overall system performance. Implemented **Docker** deployment, resulting in a commendable 15% enhancement in system resilience.
- Championed cross-functional collaboration, facilitating the swift resolution of bugs and the enhancement of product features, resulting in an impressive 25% acceleration. This leadership approach contributed to a noteworthy 30% improvement in the robustness and reliability of the company's products.

Associate Software Engineer

Feb 2023 - Aug 2023

- Led the development of industry-level projects, optimizing efficiency by 15%. Elevated company products by resolving diverse bugs and introducing innovative features, resulting in a 20% boost in functionality and heightened user satisfaction.

Education

Bachelor in Technology - Information Technology Dr. A.P.J. Abdul Kalam Technical University

Lucknow, India

- Bachelor's Degree in Information Technology with a **CGPA of 8.23** (on a Scale of 10).

Projects

SecureVault

A secure password management application to store and manage user credentials safely.

Technologies Used: React, Node.js, Express, JWT, MongoDB

- User authentication with JWT for secure login and data access.
- CRUD operations for storing, editing, and deleting passwords.
- Encrypted storage of passwords for enhanced security.

ActionBoard

A task management application for tracking and organizing tasks effectively.

Technologies Used: Angular, Node.js, Express, JWT, MongoDB

- User authentication with JWT for secure login.
- CRUD operations for task management.
- Filters and status tracking for improved usability.

FinTrack

An expense tracking application for managing personal finances.

Technologies Used: React

- Add, edit, and delete expenses with ease.
- Visual representation of expense & credit using table.
- Responsive design for mobile and desktop compatibility.

Skills

Frontend: React.js, Angular, HTML, CSS, Bootstrap, Tailwind CSS, Redux
Backend: Node.js, Express.js, Java, Spring Boot, MongoDB
DevOps/Tools: CI/CD, GIT, Agile Methodology
Other: API Design & Development, Testing, Debugging, Strategic Thinking

Certifications

Duke University Certified: JavaScript, HTML, CSS Developer
Duke University Certified: Java Developer