

Gaurav Mehra

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About

Frontend Developer with 2+ years of experience building performant, scalable and user-friendly web applications using modern frameworks like React.js and Next.js. Strong focus on clean code, optimization and collaboration across cross-functional teams.

Technologies

Languages & Frameworks: JavaScript (ES6+), TypeScript, React.js, Next.js, Node.js, Express.js

UI/UX & Styling: HTML, CSS, Tailwind CSS, MUI, Webflow, Shadcn, Responsive Design, SEO Optimization

State Management & Data: Redux, Zustand, REST APIs, Websockets, MongoDB

DevOps & Tools: Git, GitHub Actions, Docker, CI/CD, Azure Logs, kubectl

Experience

Software Development Engineer, Sudoviz Oct 2023 – Current

- Developed the **frontend for a security dashboard** that visualizes and automates vulnerability scanning, **Jira** integration, and remediation workflows.
- Led frontend development of an **AI-driven repository Q&A system** using **React** and **MUI**, enabling interactive code discussions and vulnerability assessments.
- Rebuilt the company website using **Next.js**, improving load speed by **35%** and **SEO by 28%**. Managed full UI lifecycle from design to production deployment.
- Collaborated with DevOps for deployment of frontend applications using **Docker**, **GitHub Actions**, and **Azure Container Apps**.
- Debugged API issues using **Azure Logs** and **kubectl** and maintained data accuracy in **Cosmos DB**.
- Implemented **role-based APIs** for tenant-specific data access and security controls.

Frontend Developer Apprentice, PrepBytes Apr 2023 – Oct 2023

- Learned best practices in code **modularity**, maintainability, and collaborative development in an agile environment.
- Strengthened understanding of frontend-backend integration and real-time event-driven programming.

Contributions And Projects

Frontend Contributor, Agentsman (AI Multi-Agent Platform)

- Developed frontend for an **AI-powered multi-agent system** to execute complex workflows via drag-and-drop UIs and auto generated API endpoints.
- Integrated **role-based access control (RBAC)** and tenant-specific workflow configurations for secure multi-user support.

TetherTalk, Personal Project (MERN Stack Chat Application)

- Engineered a real-time chat application with end-to-end encryption, seamless message synchronization, and instant notifications.
- Designed an adaptive UI for a smooth experience across devices, ensuring secure and efficient communication.

Education

B.Tech, DIT University, Dehradun

2016 – 2020