Vansh Ganesan

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Technical Skills

Languages: JavaScript/TypeScript, Java, Python, HTML/CSS
Libraries & Frameworks: React.js, Next.js, Express.js, Tailwind CSS
Databases & Dev Tools: MongoDB, MySQL, PostgreSQL, Git, Github

Experience

NxtLogic Software Solutions | Coimbatore, India
Full Stack Developer Intern | 03/2025 - Present

- Developed and maintained full-stack web applications using **React.js**, **Next.js**, **Node.js**, **Express.js**, and **MongoDB**, contributing to user-facing features and backend APIs.
- Wrote unit and integration tests with Jest **achieving 80%+ test coverage**, which **reduced post-deployment bugs by 40%.**
- Conducted API testing using **Postman** and **Insomnia**, and improved frontend performance by leveraging Next.js features like server-side rendering and dynamic imports.
- Conducted a workshop on frontend development and helped in mentoring 3 interns, equipping them with a strong foundation in **React.js, Git & MySQL** while fostering collaboration.

Prolink Technologies | Mumbai, India
Full Stack Developer Intern | 04/2024 - 06/2024

- Implemented **React Suspense and Lazy Loading** to significantly enhance application performance, achieving a **30%+ reduction in initial load times**, resulting in improved user engagement and responsiveness.
- Leveraged **TanStack Query** to streamline data fetching and caching, which led to a **40% decrease in redundant API calls**, thereby enhancing application efficiencyand reducing server load.
- Built robust form validation and error handling workflows using **Zod** and **React Hook Form**, which **improved data integrity**, enhanced user feedback during form submissions, and led to a notable reduction in debugging time.

Projects

Real-Estate Platform using MERN stack
Designed and developed a full-stack real estate web application with MVC architecture using Node.js with Express.js, React.js, and MongoDB. Implemented key features such as user authentication, listing creation, profile customization, and advanced search functionality. Built RESTful APIs using HTTP methods to enable seamless communication between the frontend and backend. The application is fully deployed on Render.

E-Commerce Platform using Next.js, Typescript
Created a fully-featured e-commerce application using Next.js for frontend development and routing, with Sanity CMS as the backend to enable real-time updates to the product catalog. Wrote GROQ-queries for backend schema definition. Integrated Stripe for secure payment processing and Clerk for user authentication and authorization. Utilized UI libraries such as shadcn/ui to design a clean, professional interface. The platform is deployed on Render.

Social Media Platform
Built a scalable social media application with real-time communication and notifications using Socket.io. Utilized Next.js for the frontend, routing, and server-side logic—including Server Actions to handle secure, server-side form submissions and database mutations. Used Prisma as ORM and MySQL for backend. Employed React Query for data fetching, Zod for schema validation, and integrated webhooks for event-driven features. The application is fully hosted on Vercel.

Education

Camford International School | Coimbatore, India | 05/2022 | Hsc | **72%**
Ryan International School | Bangalore, Karnataka | 04/2020 | Hsc | **89.50%**

Sri Krishna Arts and Science College | Coimbatore, India
BSc. CS with Cognitive Systems | 05/25 | **CGPA: 7.5/10**