Aksh Jain

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Work Experience

Full Stack Developer Intern - PaySecure — **Project Link**   **Nov 2024 – Jan 2025**

- Accelerated unit testing coverage from 60% to 85% for critical Node.js backend services, showcasing strong problem-solving skills that enhanced code reliability and cut potential production issues.
- Applied Agile methodologies and fostered collaboration in weekly sprint reviews, fixing 10+ backend issues and delivering feature enhancements based on team feedback.
- Collaborated with cross-functional teams to build responsive React dashboards, designing RESTful APIs that accelerated response times by 20% and optimized data transfer between the Node.js backend and frontend.
- Engineered a real-time chat application utilizing the MERN stack and WebSockets via Socket.IO, which supported over 50 concurrent active users with a message delivery latency of under 0.8 seconds.

Projects

QuickChat — React.js, Node.js, Socket.IO, MongoDB, Axios   — **Project Link**   **Nov 2025**

- Implemented the QuickChat **real-time chat application** using the **MERN stack** and **Socket.IO**, supporting **50+ active users** with sub-second message delivery.
- Implemented **JWT authentication** and **Cloudinary image uploads**, enabling **200+ secure signups** and **500+ media shares**.
- Built **REST APIs** for profile, message, and status management, improving database performance for **1k+ operations**.

MacBook Landing Page — React.js, Tailwind CSS, GSAP, Vite   — **Project Link**   **Oct 2025**

- Created an **interactive 3D product showcase** using **GSAP animations**, increasing visual engagement by **70%**.
- Streamlined build efficiency with **Vite bundling**, reducing load time and build duration by **35%**.
- Used **GSAP scroll triggers** to design smooth, user-driven motion effects aligned with page interactions.
- Applied a **modular React component structure** and **Tailwind styling** for a maintainable and clean design.

Food Mart — React.js, JavaScript, Tailwind CSS, Firebase, Redux   — **Project Link**   **May 2025**

- Led development of a **food delivery web app** using live **Swiggy API**, listing **100+ restaurants**.
- Reduced API data-fetch latency by **25%**, ensuring faster and smoother page navigation.
- Crafted a **responsive UI** with **Tailwind CSS**, improving mobile engagement and lowering bounce rate by **15%**.
- Fortified scalability using **Redux Toolkit** for state management, maintaining **500+ concurrent sessions** without downtime.

Technical Skills

Languages: C++, TypeScript, JavaScript, HTML/CSS, Tailwind
Databases: PostgreSQL, MongoDB
Frameworks and Libraries: React, Node.js, Express.js
ORMs and Auth: Sequelize and JWT
Developer Tools: Git, VS Code, GitHub, Docker, Postman

Education

VIT Bhopal University

B.Tech in Computer Science (Cyber Security and Digital Forensics)   **Sept 2022 – Oct 2026**

Certifications and Achievements

MongoDB Certified Associate Database Administrator — Issued by **MongoDB** via **Credly (2024)**

National Mathematics Talent Contest Winner — Recognized for strong analytical and logical reasoning abilities.

Adobe Indian Hackathon Semi-Finalist — Designed a prototype for real-time image compression, improving efficiency by **40%** and advancing to Round 2.