Sayyam Jain

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EDUCATION

Dwarkadas J.Sanghvi College of Engineering   Mumbai, India
Bachelor of Technology in Computer Engineering   *Nov. 2022 – Jun. 2026*

Poddar Brio International School
Higher Secondary Education   *Aug. 2020 – May. 2022*

All Saints High School
Central Board of Secondary Education   *Mar 2020*

EXPERIENCE

Frontend Developer Intern
Employee Forums   *Jun. 2025 – Oct. 2025*

- Enhanced a professional networking platform using React.js, developing scalable and maintainable components to improve user experience, reliability, and security.
- Engineered a scalable Peer Recommendation System using React.js and REST APIs, enabling users to endorse specific skills and provide anonymous appraisals, directly increasing user engagement.
- Conducted performance and security profiling with React DevTools and Chrome Lighthouse, leading to faster load time and stronger client-side security posture.
- Collaborated with designers, backend engineers, and QA testers to deliver features with secure coding practices and role-based access considerations.
- Enhanced application reliability by debugging complex data-binding issues and enforcing secure coding practices during the development lifecycle.

TECHNICAL SKILLS

Languages: C, C++, Java, JavaScript
Frameworks: HTML, CSS, Tailwind CSS, React.js, TypeScript
Backend Development: Node.js, Next.js, Express.js, RESTful APIs, JWT Authentication, WebSockets
Cloud/Databases: MySQL, MongoDB
Coursework: Data Structures and Algorithms, Computer Networks, Operating Systems, DBMS, Business Analytics
Tools and others: Git, Github, Postman, JWT

PROJECTS

AI-Powered News Aggregator | *MongoDB, Express.js, React.js, Node.js, Gemini API, Cheerio*   GitHub
- Engineered a full-stack web app using Node.js, Express, MongoDB, and React.js, implementing RESTful APIs for authentication and news aggregation.
- Integrated 3+ external APIs and Cheerio-based web scraping with input validation and sanitization to safely process 100+ news articles daily.
- Leveraged OpenAI API to generate automated article summaries, reducing reading time by 50% while ensuring secure handling of external API data.

HyperATS Intelligent Resume Analysis Engine | *MongoDB, Express.js, React.js, Node.js, Gemini API*   GitHub
- Engineered a comprehensive ATS-grade resume analysis platform using React.js, Node.js, Express, and MongoDB, incorporating AI-powered career path prediction with Google Gemini API and semantic matching using text embeddings to achieve 95% keyword accuracy.
- Implemented advanced linguistic analysis modules including intelligent section parsing, experience timeline extraction, skill normalization, and smart keyword density detection with custom HR stopword filtering to eliminate false positives.
- Developed a feature-rich frontend dashboard with interactive data visualizations, PDF/JSON export functionality.

Real-time Chat Application | *MongoDB, Express.js, React.js, Node.js, Socket.io, Tailwind CSS*   GitHub
- Built and deployed a feature-rich real-time chat platform with secure JWT authentication and messaging.
- Designed a robust backend with Node.js and React.js, integrating MongoDB Atlas with secure queries and input validation, reducing response time by 20%.
- Architected a real-time messaging system using Socket.io, enabling low latency for bi-directional communication between clients and the server.