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

TECHNICAL SKILLS

Languages: C, C++, Java, Python, JavaScript
Frameworks: HTML, CSS, Tailwind CSS, React.js, Redux
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 Collaboration: Git (Version Control), Webpack, Testing, Debugging, CI/CD (Jenkins, GitHub Actions)
Methodologies: Agile, SCRUM, Test-Driven Development (TDD)

EXPERIENCE

Software Engineer Intern (Forage Program)

JP Morgan

- Developed a scalable interface for stock price data feeds, optimizing data retrieval by 25% through improved API integration.

- Streamlined trader workflows by designing interactive, real-time stock dashboards, resulting in a 30% reduction in data interpretation time for trading teams.

PROJECTS

Real-time Chat Application | *MERN Stack (MongoDB, Express, React, Node.js), Socket.io, Tailwind CSS*

- Built a feature-rich chat platform with secure JWT authentication and real-time messaging supporting 100+ concurrent users.

- Designed a robust backend with Node.js and React.js, integrating MongoDB Atlas to optimize database interactions, reducing server response time by 20%.

- Enhanced user experience with a responsive UI (React.js, Tailwind CSS) and efficient state management via Zustand, leading to a 30% increase in user engagement.

E-Commerce Website | *React.js, Bootstrap, Redux*

- Engineered a fully responsive e-commerce platform supporting a catalog of 100+ products.

- Implemented Redux for efficient state management, improving system reliability by 20%.

- Improved performance by reducing load times by 40% using lazy loading techniques, enhancing SEO and user experience.

Portfolio Website | *React.js, GSAP, Leaflet.js*

- Crafted an engaging portfolio website featuring advanced animations powered by GSAP, delivering a captivating visual experience.

- Integrated Leaflet.js to provide mapping capabilities, enhancing content exploration for a better user experience .

ACHIEVEMENTS

- Led a team during a Professional Business and Communication project, demonstrating teamwork, drive, and initiative, achieving an 85% client satisfaction score.

- Currently leading an IPD project team, focusing on collaboration and achieving project goals.