

# Sayyam Jain

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## EDUCATION

### Dwarkadas J.Sanghvi College of Engineering

Bachelor of Technology in Computer Engineering

Mumbai, India

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, 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 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 | MongoDB, Express, React, Node.js, Socket.io, Tailwind CSS

GitHub

- 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.

### Github Repo Management Tool | React.js, TypeScript, FastAPI, Github API, Playwright

GitHub

- Automated repository analysis and README generation, reducing manual documentation time by 70%.
- Implemented AI-driven recommendations, leading to a 50% reduction in code issues.
- Integrated comprehensive repository settings and features, increasing team productivity by 40%.

### AI-Powered News Aggregator | MongoDB, Express.js, React.js, Node.js, Gemini API, Cheerio

GitHub

- Built a scalable web app using Node.js, Express, MongoDB, and React.js, implementing RESTful APIs for authentication, news aggregation, and bookmarking.
- Integrated 3+ external APIs and Cheerio-based web scraping to process 100+ news articles daily, enhancing data freshness by 40%.
- Leveraged Google Gemini API for automated article summaries, reducing reading time by 50% and improving user engagement.

## 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.