

Yash Singhal

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Summary

Full Stack Developer with proven expertise in building scalable, high-performance web applications using the MERN stack. Skilled in delivering clean, maintainable code, and seamless user experiences under agile environments. Committed to solving complex problems with efficient, production-ready solutions that drive business value.

Technical Skills

Languages: JavaScript (ES6+), Python, Java, C++ | **Frontend:** React.js, HTML5, CSS3, Tailwind

Backend: Node.js, Express.js, Flask | **Databases:** MongoDB, MySQL, Firebase

Tools: Git, GitHub, JWT, REST APIs, Socket.IO, Postman

Education

B. Tech - Information Technology, GGSIPU | Aug 2021 - 2025

GPA: 9.114 | Key Courses: DSA, DBMS, Web Development

Higher Senior Secondary (CBSE), Sanatan Dharam Public School | Apr 2020 - Mar 2021

Scored: 97.4 | Subjects: Computer Science, PCM

Experience

Full Stack Developer Intern, EY GDS & AICTE | Mar 2025 - Apr 2025

- Built **CollabSphere**, a real-time collaboration platform using **MERN**, **Socket.IO**, and **AI integration**, boosting productivity by **40%**.
- Implemented **WebSocket-based** sync across rich-text, markdown, and code editors for seamless multi-user editing.
- Integrated **LLM-based features** (auto-suggestions, summarization, AI chatbot), reducing churn and accelerating content creation.

Freelance Full Stack Developer (businesspagesuganda.org) | Nov 2024 - Feb 2025

- Created a **SEO-optimized business directory** with **Next.js**, **MongoDB**, and **Firebase**, onboarding **500+ businesses**.
- Enhanced search accuracy by **25%** and page load time by **30%** through efficient filtering and query optimizations.
- Developed **modular React components**, reducing future dev time by **15%**.

Full Stack Developer Intern, Intrainz | Jan 2024 – Mar 2024

- Collaborated on **responsive UIs** using **HTML/CSS/JS**, improving mobile UX and engagement.
- Contributed to end-to-end development from **wireframing to deployment**, gaining practical **Agile** and **version control** experience.

Projects

CollabSphere – AI-Powered Real-Time Document Collaboration

CollabSphere.vercel.app | MERN Stack | WebSockets | Generative AI | REST APIs

- Built a scalable real-time editor with support for **rich-text**, **markdown**, and **code**, enabling collaborative editing.
- Integrated **LLM features** like live summarization and embedded AI assistant, increasing content creation efficiency by **40%**.

ExpressEats – End-to-End Food Ordering Web App

food-del.onrender.com | React | Node.js | MongoDB | Stripe API | Firebase | JWT

- Developed a secure food ordering system with **JWT auth** and **Stripe** payments.
- Boosted load speed by **20%** and retention by **15%** using **Firebase image optimization** and responsive UI.

FareLyft – Cross-Platform Fare Comparison & Ride Booking App

github.com/farelyft-app | React Native | Mapbox | Uber/Ola APIs

- Integrated **Uber/Ola APIs** for real-time fare comparison & bookings, cutting decision time by **30%**.
- Leveraged **Mapbox** for routing & interactive maps, enhancing engagement by **25%**.