

YASH YADAV

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EDUCATION

Ajay Kumar Garg Engineering College

Bachelor of Technology in Computer Science and Engineering (B Tech)

Nov 2021 - May 2025

Ghaziabad, UP

Millennium Public School

All India Senior School Certificate Examination (AISSCE)

Apr 2019 - Mar 2020

Meerut, UP

EXPERIENCE

Full-stack Developer Intern at Site Guru

Oct 2024 - Jan 2025

- Collaborated in **debugging** and optimizing **server-side operations**, reducing latency by 20%, and improving application performance by 30%.
- Partnered with front-end team to seamlessly implement **API integrations**, improved application responsiveness by decreasing server response times on average from 300ms to below 100ms.

IBM SkillsBuild Internship Program

Jun 2024 - Aug 2024

- Completed a **6-week internship** focusing on front-end web development and deployed *Purefit*, a website regarding WHO's sustainable goals for health and nutrition.
- Collaborated with a **cross-functional team** and leveraged **Agile methodologies (Scrum)** to improve performance, cutting load times by 30% and enhanced responsiveness across devices.

PROJECTS

Ridezy

[Live](#)

[Github](#)

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

- Developed a full-featured ride-hailing platform with secure **user authentication**, ride booking, multi-method **payment integration** and verified 50+ user flows to ensure seamless booking.
- Leveraged Google Maps API to implement real-time location tracking for both riders and drivers, tested with **mock GPS data** on 20+ routes, achieving location updates every second within 50m accuracy.
- Engineered an **intelligent matching algorithm** that efficiently pairs riders with nearby drivers by analyzing real-time proximity and user preferences; conducted trials on 1,000+ simulated ride requests, achieving average match times under 3 seconds.

TalkTalk

[Live](#)

[Github](#)

React.js, Redux, Material UI, Node.js, Express.js, MongoDB, Socket.io

- Built a full-stack chat web application supporting one-on-one and group messaging, with features like user profiles, typing indicators, message reactions, and chat background customization; handled almost 100+ simulated message threads for smooth **real-time interaction**.
- Implemented WebSocket-based real-time messaging using technologies like **Socket.IO**, ensuring latency under 200ms and consistent performance across active group chats with 15+ users.
- Designed and integrated an admin panel for managing users, and group chats; assessed 50+ dummy users and 10+ active chat groups to enable real-time user moderation and access control.

TECH SKILLS

Programming: C/C++

Front-End: HTML, CSS, JavaScript, ReactJs, Redux, Tailwind CSS

Back-End: NodeJs, ExpressJs, RESTful APIs, Socket.io

Database: MongoDB, MySQL

Platforms: Git, GitHub, Postman, VS Code, Google Lighthouse, Vercel, Render

Core Subjects: DSA, SQL, DBMS, OS, OOPS

ACHIEVEMENTS

- Solved **450+ DSA questions** on [GeeksForGeeks](#), [Leetcode](#) and other various platforms.
- Accomplished the JavaScript course on Mindluster, earning a Certificate of Achievement. [Certificate](#)