

YASH KUMAR AGGARWAL

Full Stack Developer | SDE Enthusiast | Final-Year B.Tech CSE

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PROFESSIONAL EXPERIENCE

Freelance Web Developer

Beyond Food (Clean Snack Brand)

Mar 2025 – Apr 2025 Remote/Delhi

- Developed and optimized an e-commerce platform, **improving page load speed by 30%** and boosting **user engagement by 25%**.
- Integrated product-driven features, improving customer experience and brand alignment.

Freelance Web Developer

Sachin Agarwal Associates (CA Firm)

May 2024 – Jun 2024 Remote/Noida

- Designed and deployed an official website, leading to a **40% increase in client inquiries** within the first month.
- Collaborated with **5+ stakeholders**, iterated on feedback, and deploy the final product within the deadline.

PROJECTS

Codash (Coding Journey Tracker)

June 2025

- Tech Stack:** Next.js, TypeScript, Zustand, MongoDB, GraphQL, OpenAI API
- Aggregated coding **profiles across 4+ platforms**, **increased efficiency by 50%** compared to manual tracking.
- Integrated **OpenAI-powered insights**, leading to **30% faster** problem-solving improvement.

StudyNotion (EdTech Platform)

Sep 2024

- Tech Stack:** React.js, Node.js, Express, MongoDB, Cloudinary
- Implemented Razorpay** payment system, enabling **100% secure transactions** for **500+ demo users**.
- Built a Node.js Express backend with Cloudinary uploads and role-based access for **200+ users**

KTS Website (Society Website)

May 2025

- Tech Stack:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS
- Developed a responsive full-stack** website for KTS using React, Node.js, and MongoDB
- Optimized performance, **improving load speed by 40%** and **boosting student event registrations by 25%**

Unified Code (Final Year Project)

Ongoing

- Tech Stack:** React.js, Node.js, Express.js, MongoDB, Tailwind CSS
- Built a collaborative code editor enabling real-time syncing with **<1 sec latency** for **teams** of 10+ users.
- Designed for scalability, targeting 100+ concurrent users.

CERTIFICATIONS

- JavaScript Completion , Sept 2023 – Oct 2023
- Web Development Course , Sept 2024 – Mar 2025
- Socket.IO , Feb 2025 – Mar 2025
- DBMS Course Master , Apr 2025 – May 2025

TECHNICAL SKILLS

- Languages:**C/C++,JavaScript,TypeScript,HTML,CSS , SQL
- Frameworks:**React.js,Next.js,Express.js, Node.js, Tailwind CSS, Framer Motion,Socket.IO,WebRTC
- Databases:**MongoDB,Oracle,MySQL,PostgreSQL
- Tools:**VS Code,GitHub,MongoDB Compass,Postman
- Technologies:**REST APIs,JWT Authentication
- Concepts:**OOPS,Data Structures,DBMS,System Design
- Scripting Automation:**Web Scraping (Axios, Cheerio)

EDUCATION

B.Tech in Computer Science Engineering – 8.85 CGPA

KIET Group Of Institutions

Nov 2022 – Jun 2026

Senior Secondary School (Class XII), 93%

Lord Mahavira Academy

Mar 2020

ACHIEVEMENTS

- Finalist in Hackhound 2.0 and Innotech 3.0 – selected in **Top 10 out of 200+ teams**.
- Solved 750+ problems** across LeetCode, GFG, and CodeChef
- Consistently contributed projects adopted by **500+ students** in departmental tech fests

RESPONSIBILITIES

Technical Head May 2024 – Present
KIET Technical Society (KTS)

- Mentored 70+ students in full-stack development while leading the design and deployment of cloud-integrated solutions.

Buddy Mentor Oct 2024 – Present
ServiceSphere Team, KIET

- Guided **30+ juniors** on Git and coding standards, improving team code quality by 20%..

PR Head Oct 2024
NASA Space App Challenge, KIET

- Coordinated event planning for 200+ participants and ensured smooth execution.