

YASH AHUJA

Software Development Engineer | Full-Stack Developer

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PROFESSIONAL SUMMARY

Computer Science and Engineering student with hands-on experience in full-stack development, database management, and scalable system design. Proven track record across two internships — from MERN stack web development to enterprise .NET systems. Seeking an SDE Intern or Software Engineer role.

WORK EXPERIENCE

Software Developer Intern | Sterco Digitex Pvt. Ltd., Noida, Nov 2025 – Feb 2026

- Built a College Data Management System (.NET + MS SQL Server) for 1,000+ students; designed full database schema with referential integrity and normalisation.
- Optimised complex SQL queries, reducing average response time by ~15%; implemented end-to-end CRUD operations for attendance, courses, grades, and admin records.
- Delivered Role-Based Access Control (Admin, Faculty, Students) using MVC architecture, increasing application efficiency by 20%.
- Collaborated with design and backend teams to deliver features iteratively; participated in code reviews and maintained documentation for smooth handoff.

Web Developer Intern | Tech-AD India Network Solutions, Jun 2025 – Aug 2025

- Maintained and enhanced the company's MERN stack site — built dynamic UI components, RESTful APIs, and managed live database updates.
- Improved application performance and page load responsiveness through targeted code refactoring and query optimisation.
- Resolved production bugs, managed dynamic content pipelines, and coordinated feature deployments using Git branching workflows.

PROJECTS

InningInsights | Next.js · Node.js · Express.js · Python (ML) · PostgreSQL · Docker

- Full-stack IPL score/winner prediction app with 70%+ ML accuracy; built a responsive frontend with secure JWT authentication and real-time match stats.
- Designed scalable backend APIs and integrated ML model inference; containerised with Docker and established CI/CD pipeline for reliable deployment.

ShiftWork | PostgreSQL · Express.js · Next.js · Node.js · Clerk · NeonDB · Tailwind CSS · Prisma/Drizzle ORM · REST APIs · Vercel

- Developed a modern career platform comprising **12+ responsive pages** and **25+ reusable UI components**, delivering a seamless experience across desktop and mobile devices.
- Implemented secure authentication, protected routes, optimised state management, and responsive layouts, achieving **88 Lighthouse Performance** and scalable frontend architecture.

Chessy | HTML · Tailwind CSS · JavaScript · chess.js · Stockfish.js · Socket.io

- Engineered a real-time multiplayer chess web app with live gameplay via Socket.io and integrated the Stockfish engine for in-depth game analysis.
- Built a fully responsive, cross-device UI with Tailwind CSS; handled game state synchronisation and move validation using chess.js.

TECHNICAL SKILLS

Languages: C#, JavaScript, TypeScript, Python, Java, C++, Golang, C, SQL

Databases: MS SQL Server, PostgreSQL, MongoDB, MySQL, Neon

Concepts: DSA, Object-Oriented Programming, REST APIs, MVC Architecture, System Design, DB Design, CI/CD

Frameworks: .NET, React.js, Next.js, Node.js, Express.js, TailwindCSS, Three.js, Socket.io, Clerk, Auth0, OAuth, MUI

Tools: Git, GitHub, Docker, Prisma, Visual Studio, VS Code, Drizzle ORM, IntelliJ IDEA

Cloud & DevOps: AWS (EC2, S3, IAM, ECS), Docker, Kubernetes, Terraform, GitHub Actions, NGINX, Vercel

EDUCATION

B.Tech – Computer Science & Engineering | [Guru Gobind Singh Indraprastha University, New Delhi](#) GPA: 8.9 / 10 | 2023 – Present

CBSE Class XII: 91% (2022–23) | CBSE Class X: 92.8% (2020–21)

ACHIEVEMENTS & ACTIVITIES

Google Developer Student Club (GDSC) – Core Technical Team Member | **Smart India Hackathon 2023** – Final Round Participant | **Robogyan Society** – Active Member | **The Indian School's Badminton Team** - Captain for 2022-2023 Tenure