

# MAYANK KANSAL

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## EDUCATION

**Keshav Mahavidyalaya (University of Delhi)**  
*B.Sc. in Physical Science with Computer Science*

2023 - 2026  
6.32 CGPA (Till 6th Semester)

## EXPERIENCE

### SKILLSYARD EDUTECH PRIVATE LIMITED

June 2023 – October 2025

*Full Stack Web Developer*

- Acting as **Tech Lead** for architecting and scaling a Learning Management System (LMS) using Next.js, Nest.js, and GraphQL while leading a team of 10+ developers.
- Engineered end-to-end modules including secure authentication, AI-powered adaptive assessments, and instructor management panels.
- Integrated Auth0 for robust user management, established CI/CD pipelines, and maintained Agile-driven sprint cycles.

### AKB TECH

Dec 2024 – Jan 2025

*Frontend Developer*

- Developed and optimized a responsive React.js web application with Tailwind CSS, integrating APIs for donation workflows and event management systems.

## PROJECTS

### CODECLASH.AI | *Next.js, Nest.js, TypeScript, MongoDB, Auth0, AI Integration*

Oct 2025 – Present

- Designed an intelligent **1v1 coding platform** that converts competitive coding into adaptive learning using real-time insights and AI feedback.
- Implemented multi-role authentication via Auth0 and integrated LLM-based automated code review systems.
- Enhanced backend API and WebSocket throughput, achieving 35% improvement in execution latency and responsiveness.

### DEVCONNECT | *Next.js, TypeScript, Express.js, Node.js, MongoDB*

Aug 2025 – Present

- Developed a collaborative platform for students to network, form teams, and co-create technical projects in real-time.
- Implemented real-time messaging via WebSockets, GraphQL-based APIs, and AI-assisted team-matching algorithms.
- Deployed microservices with CI/CD automation ensuring high scalability and near-zero downtime.

## POSITIONS OF RESPONSIBILITY

### TECH LEAD (TRYST – KMV)

April 2025 – May 2025

- Directed development of TRYST Fest's website, optimized backend performance, and ensured 99.9% uptime supporting 20k+ concurrent visitors.

## AWARDS & ACHIEVEMENTS

**Top 7 Finalist – Smart India Hackathon Internal Round, University of Delhi**

2025

**Top 8 Finalist – Smart India Hackathon Internal Round, University of Delhi**

2024

**Participant – HackCBS Hackathon**

2025

**Mentored 80+ students in Web Development, C++ and other tech fields**

2023 - Present

## CERTIFICATIONS

### Full Stack Web Development

Oct 2023 – June 2024

- Completed MERN Stack training with emphasis on authentication, deployment, RESTful API development, and production-level design patterns.

### C++ Programming Certification

Oct 2023 – Mar 2024

- Proficient in DSA, OOP, and STL with a focus on efficient problem-solving.

### Fundamentals of Generative AI

2025

- Certified in LLM integration, AI workflow automation, and prompt engineering for scalable AI-driven applications.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, Python, C++, SQL, HTML5, CSS3

**Frontend:** React.js, Next.js, Redux, Tailwind CSS, Material-UI, Framer Motion

**Backend:** Node.js, Express.js, Nest.js, GraphQL, REST APIs, WebSockets

**Databases:** MongoDB, MySQL

**DevOps & Tools:** Git, GitHub, Docker, Postman, CI/CD, Socket.IO, WebRTC, Auth0, Vercel, AWS (Basics)

**AI & Integrations:** OpenAI API, LangChain, Generative AI Pipelines, Model Prompting, AI-driven Analytics