

# Akshita Srivastava

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## EDUCATION

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### Meerut Institute of Engineering and Technology

Bachelor of Technology in Computer Science Engineering | 8.6 SGPA

Meerut, UP

Aug. 2023 – Present

### City Vocational Public School

Higher Secondary Certificate | 9.9 CGPA

Meerut, UP

Apr. 2022 – May 2023

## TECHNICAL SKILLS

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**Languages:** Typescript, Java (OOPS), Python (Basic), JavaScript, HTML/CSS, C

**Frameworks/Libraries:** Next.js, React, Node.js, Express.js, Tailwind, Shadcn UI

**Developer Tools/Databases:** Git/Github, Github Actions, MongoDB, Linux, AWS (EC2,S3), Prisma , NeonDb,Docker, DockerHub

## PROJECTS

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**Karuna** | *Next.js, TypeScript, Tailwind CSS, Node.js, MongoDB, ZegoCloud, AI/ML* | [🌐 Live](#) | [🐙 Github](#)

- Built an AI-powered smart hospital management and booking platform enabling end-to-end digital healthcare workflows.
- Implemented secure real-time video consultation using WebRTC, allowing patients to consult doctors remotely with minimal latency.
- Developed AI-based medical report analysis and quick diagnosis system to extract insights, flag abnormalities, and assist doctors in decision-making.
- Designed role-based dashboards (Admin, Doctor, Patient) for monitoring doctor visits, nurse task completion, and overall hospital operations.

**Singularity** | *Electron-Vite, TypeScript, Node.js, Web Scraping* | [🐙 Github](#)

Nov. 2024 – Feb. 2025

- Automated student result analysis reducing processing time from 4 days (20 people) to 45 minutes (1 person) for 1,200 students.
- Built Electron desktop app with TypeScript backend, decreasing per-student data fetching from 5-8 minutes to 2.2 seconds.
- Generated comprehensive Excel reports with one-click automation, eliminating manual data entry and human errors.
- Deployed public result portal achieving 18.3k page views and 7.96k unique visitors across 6 months.

**Presence** | *Next.js, NextAuth, MongoDB, PWA, Geolocation API, Face-API.js* | [🐙 Github](#) Aug. 2024 – Sept. 2024

- Built PWA attendance system with 5-meter geolocation accuracy and facial recognition, eliminating manual check-out for employees.
- Implemented NextAuth authentication, API rate limiting, and MongoDB integration, securing biometric data for enterprise use.
- Reduced attendance marking time by eliminating queues and biometric scanner dependencies through automated check-in/out.
- Selected among top 5 teams from 65+ participants in Smart India Hackathon 2024 college-level competition.

## EXPERIENCE

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### Technical Head

Nov. 2024 – Present

CSI MIET (Computer Society of India)

MIET, India

- Lead technical initiatives for college's premier CS society, developing official website using Next.js and ShadCN UI.
- Organize technical workshops and coding sessions, improving development skills and coding standards across 100+ society members.

## ACHIEVEMENTS

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### **1st Runner Up - IMPACT@2024 Hackathon | Dec. 2024**

Secured 2nd position among 147 competing teams across 3 colleges, demonstrating exceptional problem-solving and teamwork skills.

### **Ranked 2nd in PCM Class 12th | 2023**

Achieved top academic performance in Physics, Chemistry, Mathematics at City Vocational Public School.