

# AYUSH SHARAWAT

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## Education

**Bachelor of Technology, Computer Science and Engineering ( Artificial Intelligence )**

**2023 - 2026**

*KIET Group Of Institutions, Ghaziabad (AKTU)*

*Average GPA : 7.2 / 10*

**Diploma , BTEUP**

**2021 - 2023**

*Government Polytechnic Ghaziabad, Ghaziabad*

*Percentage : 70*

**Class X, CBSE**

**2021**

*DehraDun Public School , Ghaziabad*

*Percentage : 78.4*

## Projects

**SaaR.ai** | *Next.js, shadcn/ui, Clerk, Supabase, API, Vercel*

**June 2025**

- Developed SaaR.ai, an advanced AI-powered natural language processing platform inspired by Perplexity AI, enabling users to perform interactive and context-aware information retrieval and summarization.
- Implemented cutting-edge machine learning models and optimized API integrations to ensure real-time responses, achieving high accuracy and user engagement in conversational AI experiences.

**ZynkStack** | *Node.js, Express.js, MongoDB, React, Vite, Tailwind CSS, Socket.io, Stream API*

**January 2025**

- Developed a modern, full-stack chat application supporting secure authentication, real-time messaging (Socket.io), video calling (Stream API), friend management, notifications, and responsive design.
- Engineered scalable backend and interactive frontend architectures, integrating JWT for authentication and optimizing user experience with theme support and instant notifications.

**Audio CNN Visualizer** | *Next.js, React, Tailwind CSS, FastAPI, Python, CNN, Vercel*

**August 2024**

- Developed an interactive full-stack application for audio classification and deep learning visualization, enabling users to upload WAV files and receive real-time predictions, confidence scores, and CNN feature map visualizations through a seamless UI.
- Engineered backend audio inference with FastAPI and a custom CNN, processing spectrograms and exposing model insights and feature maps via API, while designing a modern frontend for intuitive waveform and spectrogram exploration.

## Technical Skills

**Programming Languages :** Java, Python, HTML, CSS, JavaScript/TypeScript , SQL

**Developer Tools :** VS Code, Git/Github,Eclipse, Amazon Web Services, IntelliJ IDEA CE

**Relevant Coursework :** Algorithms, Cloud Computing, Artificial Intelligence, Computer Networks, Data Structures, Database Management System, Operating Systems, Object-Oriented Programming, Linear Algebra, Probability, Software Project Management, Machine Learning, Software Engineering

## Roles and Responsibilities

**Frontend Coordinator and UI/UX Lead, Data Science and Deep Learning Club**

**Sept 2023 – Present**

- Designed user-friendly interfaces and led frontend initiatives, creating engaging digital solutions that enhanced brand messaging and user experience.
- Mentored junior team members through tailored training programs, fostering technical and professional growth while facilitating knowledge-sharing sessions to build a collaborative learning environment.

**Graphics Head at Quizzinga - The Quiz Club of KIET**

**Apr 2024 – Present**

- Directed graphics team for , creating impactful posters and promotional materials that elevated club's visual branding and event marketing.
- Led design initiatives that enhanced event visibility and audience engagement through strategic visual communication.

## Achievements and Certifications

- **AWS Academy Graduate - AWS Cloud Foundations**, Issued Dec 3, 2024 – ☑
- **CCNA: Enterprise Networking, Security, and Automation**, Issued Jun 11, 2025 – ☑
- **CCNA: Introduction to Networks**, Issued Jun 7, 2025 – ☑
- **CCNA: Switching, Routing, and Wireless Essentials**, Issued Jun 7, 2025 – ☑
- **Introduction to Cybersecurity**, Issued May 21, 2025 – ☑
- **Python Essentials 1**, Issued May 20, 2025 – ☑
- **Python Essentials 2**, Issued May 21, 2025 – ☑