

Awanish Mishra

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EDUCATION

Madhav Institute of Technology and Science, Gwalior 2023 – 2027

Bachelor of Technology in Internet of Things (IoT); CGPA: 7.62/10.0

Relevant Coursework: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks

Kendriya Vidyalaya No. 1, Gwalior 2022

Class XII; 85.4%

Army Public School, Gwalior 2020

Class X; 81.6%

EXPERIENCE

Ethara AI — LLM Post-Training Intern Jan 2026 – May 2026

- Curated and annotated large-scale training datasets for LLM post-training pipelines, applying structured quality-assessment criteria to improve model output reliability.
- Evaluated AI-generated outputs against defined correctness and quality benchmarks, identifying systematic error patterns and feeding findings back to accelerate iteration cycles.
- Gave and incorporated technical feedback with model training and evaluation teams through structured review cycles, working closely with mentors and peers to raise output quality — direct experience collaborating on multi-person, cross-functional projects.

PROJECTS

Nerve IDE — AI-Powered Coding Interview Platform Jun 2026

React, TypeScript, Node.js, Express.js, PostgreSQL, Prisma | [GitHub](#) | [Live Demo](#)

- Architected a full-stack platform exposing a clean set of REST APIs that simulate technical interviews end-to-end, handling concurrent live sessions in production-style conditions.
- Designed a normalized PostgreSQL schema with Prisma ORM to model interview sessions, questions, and scoring data, ensuring data integrity and efficient querying.
- Implemented secure JWT-based authentication and role-based access control to protect user data across the platform.
- Integrated the Monaco Editor for multi-language code execution and built a real-time AI evaluation engine (Groq API) that auto-generates questions and scores candidates with actionable feedback.
- Validated REST endpoints with Postman and structured backend services with a clean, modular architecture — informed by independently researching scalable systems design patterns — to keep evaluation latency low.

Women Safety Device — IoT-Based Wearable Oct 2025

ESP32, GSM, GPS, ThingSpeak | [GitHub](#)

- Engineered a rechargeable ESP32 wearable with GSM/GPS for one-tap SOS alerts and live location tracking, plus fall-detection logic and a real-time cloud dashboard for remote monitoring.

Industrial Gas Safety Monitoring System — Embedded Safety System Nov 2025

ESP32, MQ-2/MQ-135 sensors, GSM, PCB design | [GitHub](#)

- Built an automated hazardous-gas detection system on ESP32 with SMS alerting and relay-controlled exhaust activation, backed by an industrial-grade PCB and continuous cloud logging.

TECHNICAL SKILLS

Languages: Java, TypeScript, JavaScript, HTML, CSS

Backend & APIs: Node.js, Express.js, RESTful API design, JWT Authentication, Postman

Databases: PostgreSQL, Prisma ORM, relational schema design

Frontend: React, Tailwind CSS

CS Fundamentals: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks, System Design basics

Tools & Practices: Git, GitHub (code review / PR workflows), VS Code, Agile collaboration

Embedded & IoT: ESP32, Arduino Uno, GSM/GPS Modules, ThingSpeak, Sensors

LEADERSHIP & INVOLVEMENT

- Campus Ambassador, Codefest, IIT BHU — Dec 2024 – Feb 2025
- Event Organizer, Volleyball Tournament (College Level) — Sep – Nov 2023
- IoT Components Supply Initiative — Provided affordable IoT hardware to fellow students, lowering the barrier to embedded systems experimentation.

ACHIEVEMENTS

- Completed the Deloitte Technology Job Simulation on Forage, applying software engineering problem-solving in a simulated professional environment.