

# Viraj Gupta

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## EDUCATION

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### MITS-DU

*Bachelor of Technology in Electronics and Telecommunication* (CGPA: 8.16)

Gwalior, MP

Sep. 2023 – May 2027

## PROJECTS

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### AI-Based Internship Recommendation Platform | [LINK](#)

Jan 2025 -Feb 2025

- \* Built a full-stack web platform to recommend internships based on candidate profiles, skills, and location.
- \* Designed a responsive, accessible UI using React.js and Material UI for easy use by first-time digital users.
- \* Developed Node.js + Express backend with Firebase Authentication and Firestore Database for secure, real-time data handling.
- \* Implemented a lightweight rule-based recommendation system that provides 3–5 personalized internship suggestions per user.
- \* Optimized the application for mobile devices and low-bandwidth environments, ensuring smooth access for users across rural and remote areas.

### AI-Based Recommendation & Ticket Generation Platform| [LINK](#)

Sep 2025-Oct 2025

- \* Developed a full-stack web platform for automated fault detection and ticket management in power systems.
- \* Built dynamic dashboards using React.js and Material UI for real-time fault visualization and maintenance tracking.
- \* Created intelligent backend automation workflows with Node.js and Express to handle predictive alerts and ticket generation.
- \* Integrated Firebase Authentication and Firestore Database for secure, scalable, and real-time data management.
- \* Designed a priority-based ticket routing system to optimize response time and reduce maintenance downtime.
- \* Collaborated with domain experts to ensure accurate issue classification and effective maintenance recommendations.

## TECHNICAL SKILLS

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**Frontend:** HTML5, CSS3, React, Bootstrap, Material UI

**Backend:** Node.js, Express.js, REST APIs, JWT Authentication

**Developer Tools:** Git, GitHub, Postman, VS Code, Netlify, Vercel

**Database:** MongoDB, MySQL, Firebase

**Languages:** JavaScript(ES6+), Java

**CS Fundamentals:** Data Structures & Algorithms, OOPS

**Soft Skills:** Leadership, Team Collaboration, Communication, Cross-functional collaboration, Troubleshooting, Prioritization.

## ACHIEVEMENTS

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**Student Coordinator at ISCMCTR 2024 & 2025** - Supported logistics, media coordination, and attendee management for national-level technical conferences organized by MITS Gwalior.

**Core Team Member of AARUNYA 2025** - Contributed to planning, scheduling, and execution of the annual techno-cultural fest attended by 1000+ students.

**DSA Excellence** – Solved 200+ data structure and algorithm problems across LeetCode and GFG, strengthening problem-solving speed and boosting coding-round readiness.