Ankit Sahu

Software Developer | Full-Stack & AI |

⊙ Jabalpur, Madhya Pradesh | ✆ +91 9171899810 | @ ankitsahu41190@gmail.com | 🔗 Linkedin | ✉ Github

Summary

Computer Science professional with expertise in architecting **AI and ML-integrated systems**. Successfully engineered a full-stack Disaster Management platform using **Next.js** and **AWS**, improving response efficiency by **70%**. Proficient in Python, Java, and modern web frameworks with a focus on delivering scalable software solutions.

Education

Shri Ram Group, Jabalpur | 2023–2027 B.Tech, Computer Science | CGPA: 7.08

Govt High Secondary School, Imaliya (NCERT) | 2021–2022 12th (Senior Secondary) | Final Grade: 77.4%

Govt High Secondary School, Imaliya (NCERT) | 2019–2020 10th (Secondary) | Final Grade: 84.0%

Projects

Disaster-Management System Aug 2024 – Nov 2024

- Engineered a full-stack AI, GIS & ML-based platform using Next.js, Firebase, and AWS for real-time risk prediction.
- Implemented early warning alerts and rescue coordination logic, serving critical data for disaster response.
- Optimized backend workflows to enhance overall disaster response efficiency by up to 70%. **Key Technologies:** Next.js, Firebase, AWS, AI/ML, GIS

Technical Skills

- **Languages:** Python, Java, SQL, JavaScript (ES6+)
- **Web Technologies:** Next.js, HTML5, CSS3, JavaScript
- **Cloud & Backend:** AWS, Firebase, Node.js
- **AI/ML:** TensorFlow, NLP, GIS Integration
- **Tools:** Git, GitHub, RESTful APIs

Hackathons and Competitions

Hack SRIT 2025 | Shri Ram Institute of Technology

Bail Information System

- Engineered a full-stack legal information platform to provide searchable data on **IPC and CrPC sections**, identifying bailable vs. non-bailable offenses.
- Built a secure admin dashboard with full **CRUD operations** for authorized management of legal sections.
- Optimized the user interface for high-speed lookups and ensured data integrity using a structured relational database.

Internship

Web Development Intern | Cognifyz Technologies Nov 13, 2025 – Dec 13, 2025

- Developed server-side rendered (SSR) web pages using **Node.js, Express, and EJS** to handle dynamic content generation.
- Implemented secure user authentication and authorization mechanisms to protect API endpoints and sensitive data.
- Designed responsive layouts using advanced CSS and Bootstrap, incorporating dynamic DOM manipulation for real-time user interaction.

Certifications

Artificial Intelligence Fundamentals | IBM

Introduction to Cybersecurity | Cisco