Alok Kumar Sahu

Full-Stack Developer

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Summary

I am a Computer Science student learning programming and web development. I have worked with HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, Java, and Python through academic projects. I enjoy building small applications, learning new technologies, and improving my technical skills. I am eager to gain practical experience and grow as a software developer.

Projects

Krishi Mitra (Smart India Hackathon) – Team Lead

- Directed a 6-member team to deliver an AI-powered agriculture platform focused on improving crop productivity and farmer decision-making.

- Enabled early-stage crop disease identification using CNN-based leaf analysis, supporting timely preventive action.

- Increased farmer market reach through Krishi Bazar, reducing dependency on intermediaries.

- Improved irrigation planning accuracy by integrating real-time weather data and predictive advisories

- Designed system workflows, coordinated model integration, and ensured end-to-end deployment readiness.

Portfolio Website

- Designed and deployed a responsive personal portfolio to present projects, skills, and professional profile Improved recruiter engagement by structuring content with clean UI and intuitive navigation.

Professional Experience

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Web Development Intern-METABRIQ (Remote) Jun 2025-Jul 2025

- Delivered scalable and responsive React.js interfaces aligned with modern UI standards
- Integrated RESTful APIs and collaborated with backend teams to ensure smooth data flow and performance

AI/ML Intern CTTC (Govt. of India) | Jun 2025-Jul 2025

- Designed, trained, and evaluated machine learning models using TensorFlow and Scikit-learn.

- Applied data preprocessing, feature extraction, and validation techniques on real-world datasets

Skills

Programming
Python, Java, JavaScript, SQL, C++

Web Development
HTML, CSS, React, Node.js

Database Management
NoSQL, MongoDB

Version Control
Git, GitHub

Education

- NIST University B. Tech in Computer Science & Engineering (2023-2027)

- Relevant Coursework: Data Structures & Algorithms, Database Systems, Machine Learning, Operating Systems, Computer Networks

Certifications

- Participated in competitive programming and problem-solving activities.
- Certifications: Google AI, Generative AI.