Vaibhav Sharma

Software Engineer

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WORK EXPERIENCE

Deecogs
3 months
(Sept 2025 - Nov 2025)

Software Engineer Intern
- Built real-time sign language recognition using MediaPipe + Random Forest.
- Trained medical image segmentation models on Kvasir-SEG using MONAI.
- Developed CCTV-based ATM theft detection with optimized YOLO inference.

Cisco Networking Academy
3 months
(May 2024 - Jul 2024)

Internship Trainee
- Hands-on experience in network security, cyber laws, and threat modeling.
- Simulated secure network setup with Cisco Packet Tracer.
- Analyzed vulnerabilities and applied cyberattack mitigations.

EDUCATION

Inderprastha Engineering College
2023- 2027

Bachelor of Technology in Computer Science and Engineering
Currently pursuing coursework in Computer Science fundamentals, including Data Structures and Algorithms.

Laxmi Public School
2022 - 2023

Class 12th CBSE
Achieved 90+ marks in Physics and Chemistry, with a strong foundation in Mathematics.

PROJECTS

Campus Care
A cross-platform Flutter app designed to streamline campus cafeteria operations, featuring distinct interfaces for students and staff. Students can browse menus, place orders, and make payments, while staff can manage orders and update menus. The app integrates Supabase for backend services and Razorpay for secure transactions. GitHub | Live Demo

KrishiDoot
A smart farming web application that recommends crops using machine learning based on soil nutrients and local weather conditions. Developed with a React.js frontend and a Python Flask backend, it provides features like farm analytics dashboards, weather forecasts, and water management tips to assist farmers in making informed decisions. GitHub | Live Demo

ACHIEVEMENTS

2nd Runner Up, HackHiest Hackathon 2025

Developed Vector Shield, an IoT-based train cargo monitoring system using Flutter, Firebase, and Blynk; automated real-time weight detection, GPS tracking, and RFID-based clearance to enhance cargo safety and transparency

2nd Runner Up, HackStreet Hackathon 2024

Developed LifeBeat, a lung cancer detection and health companion app using TensorFlow Lite, Kotlin, and Firebase; enabled on-device X-ray analysis and appointment booking.

SKILLS

Python, Java, C++, Flutter, Dart, React.js, Flask, Firebase, TensorFlow, Git, HTML, CSS, JavaScript