Vaibhav Kumar Yadav

B.Tech CSE (AI & ML), Sharda University

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Professional Summary

Second-year B.Tech CSE (AI & ML) student with strong hands-on experience in full-stack web development, Android applications, and cybersecurity. Proficient in building secure, scalable, real-world applications.

Skills

Programming Languages: Python, C, Java, SQL
Web: HTML, CSS, JavaScript, React, Flask, Tailwind CSS
AI/ML: Pandas, NumPy, Scikit-learn, TensorFlow (Basics)
Cybersecurity: Kali Linux, Nmap, Wireshark, Burp Suite
Tools: Git/GitHub, Docker, VS Code, Firebase
Core CS: DSA, OOP, DBMS, Computer Networks (Basics)

Experience

Lead Developer – Construction Management Android Application 2025 – Present
Java, Android SDK, Firebase

- Developed a production-ready Android application for civil DPR and attendance management.
- Implemented role-based access and GPS-enabled photo attendance using Firebase services.

Projects

24-7 College Café Online Ordering System GitHub
HTML, CSS, JavaScript, Netlify Functions, MongoDB Atlas, JWT

- Built a full-stack web application with online food ordering and an admin dashboard for college café operations.

GaramDoodh – Daily Essentials Ordering Platform GitHub
HTML, CSS, JavaScript, Backend APIs, Database

- Built a web platform for hostel students to order garam doodh and daily essentials with an admin management portal.
- Implemented secure email-based OTP login and centralized order management for admins.

AI-Based Intrusion Detection System GitHub
Python, Scikit-learn

- Developed a machine learning model to detect anomalous network traffic with reduced false positives.

Web Security Scanner with Chatbot GitHub
Python, Flask, Nmap

- Created an automated vulnerability scanner with chatbot-based user guidance.

E-Learning Platform with AI Tutor GitHub
Flask, JavaScript, Tailwind CSS

- Designed an AI-powered e-learning platform with quizzes and personalized learning support.

Certifications

Machine Learning – IntrnForte
Ethical Hacking – Udemy
Adobe India Hackathon
UX Hackathon – IIT Delhi

Education

B.Tech – Computer Science Engineering (AI/ML)
Sharda University, Greater Noida 2024 – 2028
CGPA: 8.6