KASHINATH R

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Profile Summary

A versatile software developer with proven experience across the full stack, building applications with Spring Boot, Node.js , React , and AWS. Skilled in developing a wide range of solutions, from an AI-driven poultry health system to a complete hospital management application. Combines a strong foundation in programming with knowledge of Cybersecurity , and is seeking to apply these skills to create innovative and impactful software.

Skills

- Programming Languages: Python, Java, C++
- Backend: Spring Boot, Node.js, Express.js
- Frontend: React, HTML, CSS
- Clouds & Databases: AWS, MySQL, PostgreSQL, MongoDB
- Cybersecurity: Malware Analysis, SIEM, Threat Intelligence, Wireshark, Nmap, Burp Suite
- Languages: English, Hindi, Malayalam

Education

Bachelor of Technology in Computer Science and Engineering (Cybersecurity and Digital Forensics) *2022-2026*
Vellore Institute of Technology, Bhopal
CGPA: 8.29

Projects

Smart Poultry system *October 2024- March 2025*

- AI-driven poultry disease detection system leveraging excreta analysis to identify early signs of infection, improving response time and flock health management.
- Accuracy: 95.47%

Ticket Booking System *September 2025*

- Developed a full-stack web application for event ticketing using Spring Boot, JPA, MySQL, and JSP.
- Implemented user authentication and authorization with Spring Security, including registration and protected routes.

Malware Detector *July 2025-August 2025*

- An end-to-end application using Python, XGBoost, and Streamlit to detect malware from Windows executables based on static PE file features.
- Accuracy: 99.2%

Hospital Management System *August 2025-Present*

- Developing a full-stack web application for complete hospital management using Node.js, Express.js, React and MongoDB.

Certificates

- MERN Stack developer, Ethnus
- Cybersecurity Analyst, IBM
- Python Essentials I and Python Essentials II, Cisco Networking Academy