KASHINATH R

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Profile Summary

A final year Computer Science student with strong expertise in Python Development, Data Automation, and System Infrastructure. Experienced in building end-to-end applications that integrate software with real-world data, such as AI-driven disease detection systems. Skilled in Java Backend and Database Management, with a strong foundation in Network Security. Seeking to apply my skills in a dynamic work environment.

Skills

- Programming Languages: Python (Pandas, Numpy) , Java
- Clouds & Databases: AWS, MySQL, MongoDB
- Infrastructure & Networking: Network Troubleshooting, Server Administration (Windows/Linux), System Security
- Tools & Platforms: VS Code, Git/GitHub, Wireshark
- Languages: English, Hindi, Malayalam

Education
2022-2026

Bachelor of Technology in Computer Science and Engineering (Cybersecurity and Digital Forensics)

Vellore Institute of Technology, Bhopal
CGPA: 8.28

Projects

Smart Poultry system *Oct 2024- Mar 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%

Malware Detector *Jul 2025-Aug 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%

Ticket Booking System *Aug 2025-Sep 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.

Hospital Management System *Aug 2025-Present*

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

Courses

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