

B vipin

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Education

- TKS College of Technology
Bachelor of Engineering in Computer Science and Engineering; GPA: 8.5

Theni, Tamilnadu, IN
Sept 2024 – Expected Sept 2028

Professional Summary

Computer Science student with strong interest in Full-Stack Development and Cybersecurity. Passionate about building secure, scalable systems and understanding how applications work end-to-end. Skilled in backend logic, networking fundamentals, and security concepts including VAPT and SOC operations. Actively building real-world projects and continuously improving technical, analytical, and communication skills. Open to internships and entry-level roles in Software Development or Cybersecurity.

Certifications

- Introduction to Microsoft Sentinel – Microsoft (2026)
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate – Oracle (2025)
- Introduction to Cryptography for Beginners – Simplilearn (2025)

Projects

- HRMS - App Oct 2025 - Present
 - Developed a full-stack team project management system with task tracking and workflow organization.
 - Implemented role-based access control and JWT-based secure authentication.
 - Designed and integrated RESTful APIs using FastAPI and PostgreSQL.
 - Built responsive frontend using React with seamless frontend-backend integration.
 - Structured database schema to handle users, roles, and task dependencies efficiently.
- FinWise AI Dec 2025 - Present
 - Built a personal finance assistant to track income, expenses, and financial patterns.
 - Implemented rule-based logic to generate a dynamic financial health score.
 - Designed interactive dashboard visualizations using chart libraries.
 - Integrated FastAPI backend with React frontend for real-time updates.
 - Focused on clean architecture and scalable backend logic implementation.
- ASAP App Jan 2026
 - Developed an OSINT monitoring tool to track specified keywords across public sources.
 - Implemented automated web scraping and background job scheduling.
 - Designed REST APIs for alert generation and filtered intelligence reporting.
 - Built structured data processing pipeline for real-time monitoring.
 - Focused on automation and threat intelligence collection concepts.
- ProxLab Nov 2025
 - Built a BLE-based proximity locking system for automatic device security.
 - Implemented RSSI-based distance estimation for authentication logic.
 - Integrated system-level APIs for real-time device locking functionality.
 - Analyzed Bluetooth communication vulnerabilities and security risks.
 - Demonstrated IoT security concepts and endpoint protection mechanisms.

Technical Skills

Programming : Python, HTML, CSS, JavaScript, Java, SQL, Bash

Cybersecurity : Network Security, Web Security, VAPT, SOC Operations, Cryptography

Tools & Platforms : Kali Linux, Nmap, Wireshark, Burp Suite, Metasploit, Git, Docker

Career Objective

Seeking internship or entry-level opportunities in Cybersecurity (SOC Analyst / Security Analyst) where I can apply my technical knowledge, contribute to real-world systems, and continuously grow toward becoming an Information Security Consultant.