

B vipin

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Education

- TKS College of Technology

Theni,Tamilnadu, IN

Bachelor of Engineering in Computer Science and Engineering; GPA: 8.5

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.