

SAI JAYANTH KOTHAMADDURI

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Summary

Detail-oriented Information Technology student with a strong foundation in back-end development, Node.js, REST APIs, and database management. Experienced in server-side applications, SQL/NoSQL databases, and system performance optimization. Adept at collaborating in dynamic environments and solving complex problems.

Education

Manipal Institute of Technology

B.Tech in Computer Science (Cyber Security)

Aug 2021 – June 2025

Karnataka, India

Experience

Chief, PIONEER - Cybersecurity Wing

TCPIONEER

May 2024 – Present

- Lead a platform for cybersecurity awareness and training.
- Oversee creation of networking tutorials and technology news.
- Coordinate development of open-source tools and security resources.
- Manage strategy, content quality, and community engagement.

SOC Analyst

CFSS Cyber & Forensics Security Solutions

Jun 2024 – July 2024

- Assisted in monitoring and detecting security incidents using SIEM tools.
- Responded to and investigated security threats, documenting incidents and improving response strategies.
- Gained hands-on experience with security tools such as firewalls, IDS/IPS, and EDR solutions.

Projects

Honeypot Attack Detection Dashboard — *Flask, Python, HTML, CSS, JS*

- Developed a Flask-based system that logs intrusion attempts on fake ports, tracking IPs and threat scores.

Project Security Monitoring System — *Java, Spring Boot*

- Built a tool for codebase access tracking, anomaly detection, and automated email alerts.

Secure URL Scan & Phishing Link Generator — *React, JS, HTML, CSS*

July 2024

- Detects phishing URLs using Google Safe Browsing, WHOIS, and SSL checks; generates QR codes for secure sharing.

Certifications

- Ethical Hacking Essentials (EHE) – EC-Council
- Google Cybersecurity Professional Certificate (8 Modules) – Coursera
- AWS Cloud Practitioner Essentials

Technical Skills

- **Languages:** Python — C — C++ — Java — SQL — HTML
- **Frameworks/Libraries:** React — TensorFlow — Scikit-learn
- **Tools:** GitHub — VS Code — MySQL — SQLite — Power BI
- **Cybersecurity:** Wireshark — Nmap — Burp Suite — Hping3 — Snort — Firewall Rules — IDS/IPS