

Sai Jayanth Kothamadduri

Security Researcher

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EDUCATION & EMPLOYMENT HISTORY

Bachelor of Technology (B.Tech) – Computer Science and Engineering (Cybersecurity)

Manipal Institute of Technology, Bengaluru

2021 – 2025

CGPA: 6.95

Relevant Coursework: Network Security, Ethical Hacking, Operating Systems, Web Security, Cryptography, Secure Coding

Security Researcher

Bugcrowd

Dec 2025 – Present

Conduct vulnerability research and responsible disclosure through private and public programs, focusing on web application security, access control issues, and information disclosure.

Chief Pioneer

The Cyber Pioneer

May 2025 – Dec 2025

Led cybersecurity awareness initiatives, managed open-source security content, coordinated research-based learning, and guided community-driven security projects.

Cybersecurity Intern (SOC)

CFSS Cyber & Forensics Security Solutions

Jun 2024 – Oct 2024

Assisted in incident monitoring, vulnerability assessments, forensic analysis, and threat detection using SIEM tools, IDS/IPS, and security scanners.

PROJECTS & SECURITY RESEARCH

RCE Detection for Vulnerable Next.js Versions (CVE-2025-55182)

Designed a detection mechanism to identify remote code execution behavior in vulnerable Next.js deployments by analyzing execution flow, payload patterns, and runtime anomalies.

Honeypot-Based Attack Detection Dashboard

Developed a Flask-based honeypot system to capture real-world intrusion attempts, log attacker behavior, and visualize threat data through a monitoring dashboard.

Secure URL Scanner & Phishing Detection Tool

Built a web-based tool using Google Safe Browsing, WHOIS, and SSL checks to detect phishing URLs and generate secure QR codes.

ACHIEVEMENTS & RECOGNITION

- Hall of Fame recognitions for responsible vulnerability disclosures (**NASA, FERRARI, PERPLEXITY, WHO, GOV Portal, CISCO, LENOVO and more.**)
- Best Informative Poster Award – TURINGER 2025 (ACM Student Chapter)

TECHNICAL SKILLS

Security Domains: Vulnerability Assessment, Penetration Testing (VAPT), Threat Hunting, SOC Operations, Web Security, OWASP Top 10

Tools: Nessus, Nmap, Wireshark, Burp Suite, SIEM, OSINT Tools, Linux

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

Frameworks: OWASP Top 10, MITRE ATT&CK, Cyber Kill Chain

Other: Secure Documentation, Incident Reporting, Ethical Disclosure

CERTIFICATIONS

- Google Cybersecurity Professional Certificate
- CompTIA Security+ (In Progress)
- AWS Cloud Practitioner Essentials
- Ethical Hacking Essentials – EC-Council

LANGUAGES

English (Professional) Hindi (Fluent) Telugu (Native) Kannada (Fluent)