

# SAI GANESH KUMAR CHITTURI

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Ganesh Chitturi

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Portfolio

## SUMMARY

Cybersecurity graduate with hands-on experience in security monitoring, vulnerability assessment, and web application security. Experienced with SIEM analysis, web application testing, and secure full-stack development. Seeking an entry-level SOC or junior security role.

## Technical Skills

- **Security Monitoring & Detection:** Splunk, Snort
- **Network Scanning & Traffic Analysis:** Nmap, Wireshark
- **Vulnerability Assessment:** Nessus, Burp Suite
- **Exploitation & Validation:** Metasploit, Hydra
- **Data Protection:** VeraCrypt, BitLocker
- **Programming & Frameworks:** Python, Django, HTML, CSS, JavaScript
- **Database:** MySQL
- **Tools & Platforms:** Git, GitHub

## Work Experience

### INFOTACT SOLUTIONS, Bangalore, Karnataka

Oct 2025 – Jan 2026

#### Cyber Security Intern

- Monitored security logs and alerts using SIEM tools to identify suspicious activity and support incident response.
- Performed vulnerability assessments and security testing using tools such as Burp Suite, OWASP ZAP, and Snort.

### DATAVALLEY.AI, Vijayawada, Andhra Pradesh

Oct 2023 – May 2025

#### Software Engineer - Cyber Security

- Developed web applications using React.js, Django, and MySQL, following secure coding practices.
- Implemented secure authentication and RBAC, and performed web application security testing using Burp Suite and Nessus.
- Identified and fixed security vulnerabilities such as XSS, insecure authentication, and configuration issues through input validation, access controls, secure session handling, and API authorization.
- Collaborated in an Agile environment, contributing to full-stack development and scalable application deployment, including 6 months of full-stack internship experience.

## Projects

### CTF and OSINT Challenges

Jul 2025 – Present

- Completed CTF labs simulating real-world cyber attacks, including exploiting SSH and FTP vulnerabilities.
- Conducted network enumeration, vulnerability exploitation, and privilege escalation using various security tools.
- Performed OSINT investigations and digital forensics through metadata analysis and open-source tools.

### AI-Driven Cyber Threat Detection System – Python, Streamlit, VirusTotal API

Jun 2022 – Apr 2025

- Developed a DIY tutorials web app with interactive UI and responsive design.
- Enhanced user engagement with dynamic features and improved usability.

### LMS Platform Frontend UI – React.js, JavaScript, HTML5, CSS3

Sep 2024 – Feb 2025

- Developed and enhanced the frontend UI ensuring responsiveness and usability.
- Implemented interactive dashboards, course listings, and progress trackers.

### Securing Data with Blockchain and AI – HTML, CSS, JS, Python, Django, MySQL

Jan 2024 – Apr 2024

- Implemented decentralized authentication using cryptographic algorithms.
- Built dashboards and role-based access control (RBAC) for secure data access.

## Education

### JNTUK St. Mary's Group of Institutions

June 2020 – May 2024

B.Tech in Computer Science Engineering (Cybersecurity); CGPA: 7.65/10

- Relevant Coursework: Offensive Security and Red Teaming, CVE (MITRE), RAPID7, Penetration Testing, ISO 27001 & GDPR, Web Application Development, Database Management Systems, Python & Linux, Security Monitoring

### Narayana Junior College

June 2018 – April 2020

Intermediate (M.P.C); CGPA: 8.34/10

### Narayana English Medium High School

March 2018

SSC (10th Standard); CGPA: 8.8/10

## Certificates & Achievements

- Certified Ethical Hacker (CEH) v13 — EC-Council (Jun 2025)
- 100 Days of Coding Challenge — Datavalley.ai (Apr 2024)
- Bug Bounty Bootcamp — Frontlines EduTech (Sep 2024)
- Microsoft Azure AI Fundamentals (AI-900) — Microsoft (Apr 2023)