

GOWTHAM S

Computer Science Engineer

Personal details

-  GOWTHAM S
-  [Portfolio](#)
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Technical Skills

- Web Application Testing
- Vulnerability Assessment & Penetration Testing (Ai)
- Networking Intermediate
- Documentation & Reporting
- Web Development
- Version Control

Tools

- Burp Suite & OWASP ZAP
- Kali Linux OS & Tools
- Vscode & Postman – API
- Firebase & supabase
- Git & GitHub

Education

- Bachelor of Engineering, 2021 - 2025
Computer science and Engineering,
Erode Sengunthar Engineering College,
Erode, Tamilnadu
83%
- HSC
Sri Ramakrishna Boys Hr sec school,
83.5%

Profile

The opportunity to join a growing organization with diverse skills and abilities while expanding experience in a professional environment, along with the proper mindset to learn new capabilities at the same time.

Internships

CYBER SECURITY

CybrGen, Auckland | Hyderabad

Oct 2025 - Feb 2026

- Worked on multiple web application testing projects, applying different procedures and approaches to identify vulnerabilities.
- Performed testing from various perspectives to simulate real-world attack scenarios and strengthen application security.
- Handled mitigation of CVEs (Common Vulnerabilities and Exposures) by analyzing risks and recommending fixes and gained practical exposure.

CYBER SECURITY

AICL Training, Chennai | Tamilnadu

Sep 2024 - Oct 2024

- Learned the basics of penetration testing and vulnerability assessment on web applications.
- Understood the foundations of cybersecurity practices, including report preparation and recommendations for improving application security.

Project

HackToWriteToHack – Cybersecurity Learning Fullstack App

- Encouraged collaborative skill-building in penetration testing and ethical hacking.
- Integrated multiple testing scenarios to simulate real-world vulnerabilities. Handled mitigation of CVEs (Common Vulnerabilities and Exposures).
- Analyzing risks and Recommending fixes and gained practical exposure.

AI-Based Online Paper Correction System

- Developed an AI model to automate evaluation of student answer sheets with produce score grade.
- Increased grading efficiency by 40% with instant feedback and reduced manual effort.
- Applied machine learning techniques to improve accuracy and reliability of assessments.

Real-Time Vehicle Tracking System (IoT)

- Designed and implemented a GPS/GSM-based IoT tracking solution using NodeMCU and Firebase.
- Enabled real-time monitoring and improved commuter satisfaction by 30% for all user commonly.
- Documented system architecture and testing results to demonstrate practical IoT knowledge.

Certifications

- OWASP: Web Application Security – Infosys 2024
- Foundation of Cloud Iot Edge ML - NPTEL 2024
- TechA Testing Fundamentals Certification – Infosys 2023
- Certified AppSec Practitioner (CAP) – The SecOps Group 2023
- Vulnerability Management – Security Blue Team 2023
- EHE & NDE | EC-Council | 2023
- Programming & Web Development Certificate 2022