

THARUN R

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EDUCATION

B.Tech Information Technology, Karpagam College of Engineering
Coimbatore, India

2023 – 2027

CGPA: 7.09 / 10

Relevant Courses: DSA, OOPS, DBMS, Operating Systems

TECHNICAL SKILLS

Programming	C++, Java, JavaScript (ES6+), Python, HTML5, CSS3 , Database : MySQL
Web Technologies	HTTP/HTTPS, REST APIs, Cookies, Sessions, CORS, JWT
Security Testing	Web Application Penetration Testing, Bug Bounty, Auth-Testing, IDOR, Business Logic Testing, API Security Testing
Security Tools	Burp Suite, Nmap, ffuf, Subfinder, Amass, SQLMap, Metasploit, Nikto, Dirsearch (LINUX)
Security Concepts	OWASP Top 10, XSS, SQL Injection, CSRF, SSRF, RCE, LFI/RFI, Security Headers, CSP, Access Control
Networking	TCP/IP, OSI Model, DNS, Routing, Switching
Dev Tools	Git, GitHub, VS Code, Postman

SECURITY RECOGNITION

- **Hall of Fame – Blackbaud Vulnerability Disclosure Program (Bugcrowd):** Officially recognized for responsible security disclosure and reporting a valid security vulnerability following coordinated disclosure practices.
Program Link: [Blackbaud Hall of Fame](#)
- **Hall of Fame – Inflectra Responsible Disclosure Program:** Recognized for the second time for responsibly reporting a valid security vulnerability through Inflectra’s private vulnerability disclosure program.
Program Link: [Inflectra Responsible Disclosure](#)

KEY TECHNICAL PROJECTS

SNACK BOX – Food Ordering Platform [\[GitHub\]](#) 2025

- Developed a **React + Vite** food ordering system with optimized UI, reducing load time by **35%**.
- Implemented cart, QR payments, automated billing, and a secure admin dashboard with analytics.

FinGPT 21 – AI Financial Assistant [\[GitHub\]](#) 2024

- Built an AI-powered assistant using **OpenAI** and **Google Gemini** for financial document analysis.
- Enabled semantic search and prompt optimization, improving retrieval speed by **50%** and accuracy by **30%**.

ACHIEVEMENTS & ACTIVITIES

- **1st Prize – App Development (National Science Day):** Secured first place at Karpagam College of Engineering for developing an innovative application. [\[Link\]](#)
- **National-Level Hackathon – HACK ELITE (SMVEC, Puducherry):** Participated in a national-level innovation challenge, gaining experience in rapid prototyping and problem-solving. [\[Link\]](#)
- **Googleathon Hackathon – SNS College of Engineering:** Represented the team in a competitive hackathon, converting ideas into working technical solutions. [\[Link\]](#)
- **Ethical Hacker Certification – Cisco Networking Academy:** Acquired hands-on skills in ethical hacking, network security, and penetration testing fundamentals. [\[Credential\]](#)
- **AI Mastery Certification (Udemy):** Completed advanced training in AI concepts including search algorithms and intelligent strategies. [\[Link\]](#)
- **Material Data Science Workshop – IIT Madras:** Gained exposure to data-driven methods and analytical techniques in material science applications. [\[Link\]](#)
- **Salesforce Trailhead – Agentblazer Champion & Innovator:** Earned industry-recognized badges through hands-on challenges, strengthening practical problem-solving skills. [\[Profile\]](#)