Contact

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Top Skills

Web Application Security
Security Engineering
Source Intelligence

Certifications

AWS Academy Graduate - AWS Academy Cloud Foundations

Singamsetti Poorna Mani Teja

Security Analyst at Nivi Cyber Solutions
Greater Hyderabad Area

Summary

Aspiring Cyber Security Engineer | Embedded Systems Enthusiast | C/C++ Programmer
Uppal, Telangana | Anurag University

I'm an enthusiastic and curious tech learner passionate about solving real-world problems through cybersecurity, embedded systems, and software development. With hands-on experience in C, C++, Embedded Systems for Electric Vehicles, and Electronics (Microcontrollers, PCB Design, Circuit Simulation), I enjoy building systems that are efficient, secure, and scalable.

Currently exploring the world of Cybersecurity, I aim to protect systems from modern threats while continuously learning new tools and technologies.
I've trained at recognized institutions like NSIC Technical Services Centre and HIET Software Solutions, and my academic path reflects a strong foundation in both hardware and software.

Known for being a self-starter, detail-oriented, and a team player who contributes unique perspectives and ideas.

Let's connect if you're working on:

Cybersecurity challenges

Embedded tech projects

Internships or mentorship opportunities

#CyberSecurity #EmbeddedSystems #CProgramming #CPP #PCBDesign #Microcontrollers #StudentEngineer #AnuragUniversity #TechEnthusiast

Experience

Nivi Cyber Solutions
8 months

Security Engineer
August 2026 - Present (3 months)
Hyderabad, Telangana, India

Promoted to Security Engineer after successfully completing a 4-month internship at Nivi Cyber Solutions.
Designed and developed secure web applications using React, Vite, FastAPI, Python, Supabase, and PostgreSQL.
Built and enhanced OSINT and cybersecurity platforms, integrating public intelligence sources, authentication systems, and secure APIs.
Implemented role-based access control (RBAC), multi-factor authentication (MFA), device verification, and secure backend architectures.
Developed REST APIs, optimized database performance, and deployed applications using Vercel, Docker, and GitHub.
Collaborated with cross-functional teams to deliver scalable cybersecurity solutions while following secure software development best practices.

Web Development Intern
March 2026 - July 2026 (5 months)
Hyderabad, Telangana, India

• Architected, designed, and developed production-grade full-stack web applications from concept to deployment, owning the complete software development lifecycle.

• Designed and developed the Nivi Cyber Solutions platform (https://nivicybersolutions.in/), including UI/UX, frontend, backend, database architecture, authentication, REST APIs, and deployment for a scalable enterprise cybersecurity website.

• Designed and developed a full-stack Open-Source Intelligence (OSINT) platform, integrating phone intelligence, vehicle information, corporate records, domain intelligence, cyber reconnaissance, secure dashboards, role-based access control, authentication, REST APIs, and scalable database architecture.

• Designed and developed Digi-Recon (https://digi-recon.vercel.app/), a digital reconnaissance platform with secure authentication, backend services, API integrations, interactive dashboards, and scalable database architecture.

• Co-developed the official Vishwanath Ethical Hacker website (https://www.vishwanathethicalhacker.com/) with Sri Rani, contributing to system architecture, frontend development, backend integration, database connectivity, and deployment.

• Designed and developed a complete Learning Management System (LMS) (https://lms-sigma-gilt.vercel.app/) with secure authentication, role-based access, course management, student/admin dashboards, progress tracking, and backend services.

• Designed scalable database architectures, implemented secure authentication and authorization, developed REST APIs, and optimized application performance, security, and maintainability.

Technologies: React.js • TypeScript • JavaScript • Vite • Node.js • Express.js • Supabase • PostgreSQL • Tailwind CSS • REST APIs • Git • GitHub • UI/UX Design • System Architecture • Database Design • Authentication • RBAC • Full-Stack Development

Hack The Box AU
Webmaster
August 2024 - March 2026 (1 year 8 months)

Webmaster
HTBAU (Hack The Box Anurag University)

Responsible for designing, developing, and maintaining the HTBAU website, ensuring a responsive and secure user experience. Manage updates, performance optimizations, and authentication systems while enhancing UI/UX for seamless navigation.

htbau.tech

Redynox
Intern
June 2025 - July 2025 (2 months)
Telangana, India

The Red Users
Intern
May 2025 - June 2025 (2 months)
India

Sytech Labs Pvt.Ltd
Intern
April 2025 - June 2025 (3 months)
Hyderabad, Telangana, India

Cybersecurity Intern

SytechLabs | Internship | April 2025 – May 2025

Completed a one-month internship focused on cybersecurity with a strong emphasis on ethical hacking. Key learning areas and responsibilities included:

Hands-on experience in ethical hacking, penetration testing, and vulnerability assessment

Gained exposure to real-world cyber threat scenarios and practiced secure system analysis

Worked with tools like Nmap, Wireshark, Metasploit, and basic SIEM platforms

Participated in simulated attacks to understand system weaknesses and defense mechanisms

Improved understanding of network security, system hardening, and incident response

This internship provided a solid foundation in ethical hacking and practical cybersecurity skills.

Education

Anurag University
Bachelor of Technology - BTech, cyber security · (May 2022 - January 2026)