GUTTA SIRI CHANDANA

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PROFESSIONAL SUMMARY

Final-year **B.Tech CSE (Cyber Security)** student with hands-on experience in **Full Stack Development** and **Cybersecurity**. Skilled in developing and securing **scalable web applications** using **React.js, Node.js, Express.js, and PostgreSQL/MongoDB**. Passionate about building **high-performance, secure, and user-focused solutions** following modern software engineering and security best practices.

EDUCATION

Bachelor of Technology in Computer Science and Engineering (Cyber Security) — 2023 – 2026
K L University, Vijayawada, Andhra Pradesh — CGPA: 9.69 / 10
Diploma in Computer Engineering — 2020 – 2023
Sri Vasavi Institute of Engineering and Technology, Machilipatnam, Andhra Pradesh — CGPA: 9.2 / 10

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, SQL, HTML, CSS
Frameworks: React, Node.js, Express.js
Databases: MySQL, MongoDB
Tools: GitHub, Postman, VS Code, Wireshark, Kali Linux
Additional Skills: Computer Networks, Data Structures and Algorithms

PROJECTS

Secure Email Gateway for Phishing Prevention — Node.js, TypeScript, PostgreSQL, React — 2025

- Designed and implemented a **secure email filtering system** using heuristic and metadata analysis for phishing detection.
- Improved backend efficiency by **40%** through optimized SQL queries and microservice architecture.

Vulnerability Management Dashboard — MERN Stack (MongoDB, Express, React, Node.js) — 2024

- Built a **role-based access web app** for tracking vulnerabilities with Admin, Developer, and Auditor modules.
- Enhanced system performance by **35%** through caching and optimized MongoDB queries.

INTERNSHIP EXPERIENCE

Cyber Security Virtual Intern – Prodigy InfoTech — June 2024
Gained hands-on experience in **vulnerability assessment, penetration testing**, and **secure coding practices**.
Ethical Hacking Virtual Intern – AICTE — July 2024 – September 2024
Acquired practical experience in **ethical hacking, vulnerability analysis**, and **network security** using **Kali Linux and OWASP frameworks**.

CERTIFICATIONS

Juniper Networks Certified Associate, Junos (JNCIA-Junos)	Verify
Salesforce Certified AI Associate	Verify
Oracle Certified Professional	Verify
FinTech Professional Certificate – Blockchain, DeFi, Capstone	Verify
NSDC PMKVY Certification – Software Programming (Python)	Verify
Automation Anywhere Certified Essentials RPA Professional	Verify

ACHIEVEMENTS

- **Hackathons:** Built and deployed scalable APIs and web applications using Node.js and React under tight deadlines.
- **Academic Excellence:** Awarded 50% merit-based scholarship for consistent top performance.

ADDITIONAL INFORMATION

Languages: English, Telugu
Interests: Full Stack Development, Web Security, Open-Source Projects, Problem Solving