GANESH MARACHU

Q 8121101411 | ✉ ganeshmarachu@gmail.com | LinkedIn | Guntur, AP

CAREER OBJECTIVE

A highly motivated and adaptable B.Tech student with a strong foundation in web development and cyber security, seeking to apply technical skills in HTML, CSS, JavaScript, and web application testing to contribute to a dynamic organization. Eager to leverage hands-on project experience and a commitment to continuous learning to solve complex problems and support team goals.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering (2022-2026)
RVR & JC College of Engineering, Andhra Pradesh, India- Cgpa: 7.53

Intermediate (2020-2022)
Narayana Junior College, SR Nagar, Telangana - Board of Intermediate Education, Telangana – 81%.

Secondary School Certificate (SSC) (2019-2020)
Narayana EM School, Andhra Pradesh - Board of Secondary Education, Andhra Pradesh -96%.

TECHNICAL SKILLS

Programming Languages: C ,Python, SQL, HTML,CSS, Java script.

Web Application Security: Proficient in web application testing within the cybersecurity domain, with strong knowledge of the **OWASP Top 10 vulnerabilities (2013, 2017, 2021 editions)** and their mitigation techniques.

TOOLS: BURPSUIT, MS Excel ,Google Colab , VS Code.

Core Skills: Strong communication, problem-solving, teamwork, adaptability, time management, and attention to detail.

PROJECTS:

Python-based Password Generator Application:
Built a Python application that generates secure, random passwords with customizable length and complexity, strengthening user data protection against brute force and dictionary attacks.

4x4 Matrix Keypad using VHDL:
Designed and implemented a 4x4 matrix keypad in VHDL for use in security systems, enabling accurate key detection and input handling for numbers and alphabets in embedded applications.

INTERNSHIP

Online Internships (July 2024):
• **SkillDzire:** Completed a 3-week internship focused on Hardware Description Languages, gaining practical experience in **HDL and VHDL programming** for digital circuit design.

• **TechnoHacks:** Completed a 3-week internship where I strengthened my knowledge of **Python programming**, working on coding exercises and problem-solving tasks to build a solid programming foundation.

CERTIFICATIONS

• Certified in Cyber security and privacy from NPTEL, September – 2024
• Certified in Internet of Things from NPTEL, September - 2024
• Certified in Human Computer Interaction from NPTEL, April - 2025
• Certified in Python essentials 1 & 2 by Cisco networking academy
• Certified in introduction to cyber security by Cisco networking academy

Extra-Curricular Activities:

• **IETE Member:** Member of the Institution of Electronics and Telecommunication Engineers.
• **NARCADO Property Show (2025):** Coordinator for NARCADO Property show Guntur, AP -2025.