

# HEMANTH MADU

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## PROFESSIONAL SUMMARY

Recent Computer Science graduate with hands-on experience in Python and C from academic projects. Skilled in problem-solving, eager to contribute technical expertise to innovative software development roles.

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## SKILLS

**Programming Languages:** C and Python.

**Web Technologies:** HTML, CSS, and JavaScript.

**Development Tools:** VS Code.

**Soft Skills:** Leadership, Problem-Solving, Critical Thinking, Collaboration.

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## EDUCATION

**PACE Institute of Technology & Sciences, Ongole, Andhra Pradesh**

Bachelor of Technology, **Computer Science and Engineering** | CGPA: 8.63/10 | **2021 – 2025**

**Sri Chaitanya Junior College, Eluru, Andhra Pradesh**

Intermediate (MPC, State Syllabus) | Percentage: 78.9% | **2019 – 2021**

**Sri Bharathi High School, Eluru, Andhra Pradesh**

Secondary School Certificate (SSC) | Percentage: 92% | **2018 – 2019**

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## PROJECTS

### Web Cloud Data Storage System

**Technologies:** Java (J2EE), JSP, Servlets, JavaScript, MySQL

- Architected a scalable cloud storage platform with **CP-ABE (Ciphertext-Policy Attribute-Based Encryption)** for enhanced data security.
- Implemented end-to-end encryption mechanism reducing unauthorized data access by **95%**.
- Optimized multi-threaded request handling, improving system performance by **30%**.
- Developed cross-platform solution supporting seamless user data management.

### Interactive Quiz Application

**Technologies:** Node.js, Express.js, MongoDB, JavaScript

- Engineered real-time quiz platform with dynamic scoring algorithm.
- Developed responsive backend reducing query response time by **40%**.
- Implemented user engagement features increasing platform interaction by **30%**.
- Utilized MongoDB for efficient data management and scalable architecture.

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## CERTIFICATIONS

- Artificial Intelligence Primer Certification** – Infosys Springboard | **January 2024**
- PCAP-Programming Essentials in Python** – Cisco | **March 2023**
- Introduction to Internet of Things** – NPTEL | **January – April 2024**
- Cyber Security Virtual Internship** – EduSkills (Palo Alto Cybersecurity Academy) | **Dec 2022 – Feb 2023**

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## ACHIEVEMENTS & LEADERSHIP

- Chair of ACM (Association for Computing Machinery) Student Chapters**, leading multiple tech initiatives at PACE Institute of Technology & Sciences.
- Inter-Autonomous College Sports Event Finalist**, represented PACE ITS in the **Relay Race**.

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## HOBBIES

- Technical Volunteering and Cooking.

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## SELF DECLARATION

I hereby declare that the above-furnished information is true to the best of my knowledge.