Pamuluru Venkateswarlu

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Objective

I am a Python Full Stack Developer with a solid understanding of HTML, CSS, JavaScript, Bootstrap, Python, and MySQL. I completed my Computer Science Engineering at Dr. M.G.R Educational and Research Institute, Chennai. I have built responsive web applications and enjoy solving coding challenges, creating clean interfaces, and developing efficient backend logic. I am looking for entry-level opportunities where I can apply my skills and grow as a developer.

Personal Projects

1. Cloud-Based Data Encryption with Revocable Storage

- Designed and developed a secure cloud storage system enabling data encryption and dynamic access revocation.
- Implemented **AES and RSA algorithms** for confidentiality and secure key management.
- Built **revocable access control** to modify or revoke permissions in real time without re-encrypting data.
- Strengthened expertise in **cloud computing, cybersecurity, and cryptography**.

2. Sentiment Analysis Using Natural Language Processing

- Developed a **sentiment classification model** for analyzing user opinions from social media reviews.
- Used **Python, NLTK, and Scikit-learn** for text preprocessing, feature extraction (TF-IDF, Bag-of-Words), and model training.
- Achieved **over 85% accuracy** with optimized data cleaning, feature engineering, and parameter tuning.
- Enhanced skills in **machine learning, NLP pipelines, and evaluation metrics** (precision, recall, F1-score).

Technical Skills

Frontend: HTML5, CSS3, JavaScript, Bootstrap

Backend: Python

Database: MySQL

Tools: Git, GitHub, VS Code

Education

Bachelor of Technology in Computer Science and Engineering **CGPA: 7.93 /10**
Dr. M.G.R Educational and Research Institute, Chennai, India 2021 – 2025

Higher Secondary Education **CGPA: 6.5 / 10**
Sri Chaitanya Junior College, Nellore, India 2019 - 2021

Secondary School **CGPA: 5.8 / 10**
ZP High School, Saydapuram, India **2018 - 2019**

Certificates

Microsoft Cybersecurity — Certificate of Completion

Power Platform — Certificate of Completion

AWS Community Builder — Certificate of Participation