Chaikam Reshmitha Reddy

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Objective

Aspiring AI intern focused on Retrieval-Augmentation-Generation (RAG) and agent-based systems. Eager to contribute to cutting-edge AI research projects, while gaining hands-on experience in developing AI models, algorithms, and agent-based systems in a collaborative environment.

Education

- **Hyderabad Institute of Technology and Management**, Hyderabad, India
  B.Tech in Computer Science and Engineering - IoT — May 2024
  CGPA: 8.17/10

- **Sri Vaishnavi Abhyaas Junior College**, Hyderabad, India
  Pre-University Education (MPC) — April 2020
  Grade: 9.36/10

- **St. Anthony High School**, Hyderabad, India
  Secondary Education — April 2018
  Grade: 9.8/10

Skills

- **Technologies:** Python, AI/ML algorithms, Deep Learning (CNN, RAG), TensorFlow, PyTorch
- **Data Science:** Data Preprocessing, Feature Engineering, NLP
- **Tools:** scikit-learn, Langchain, TensorFlow, PyTorch
- **Cloud Platforms:** AWS, Google Cloud
- **Soft Skills:** Problem-Solving, Collaboration, Adaptability, Communication

Projects

- **Deep Learning Fashion MNIST Classification**
  Built a fashion apparel recognition system using a Convolutional Neural Network (CNN) model, trained on the Fashion MNIST dataset to classify apparel items into 10 categories.

- **NutriVibe**
  Designed a wellness platform offering personalized diet plans, exercise routines, and community support, focusing on holistic well-being and nutrition insights.

- **Smart Dustbin**
  Developed an IoT-based waste management system using a drone with a camera for image processing and waste detection. It helps manage waste using Black Soldier Fly (BSF) larvae.

- **Vehicle Number Plate Detection**
  Worked on vehicle number plate detection using MATLAB to automate the process for traffic management and surveillance.

Internships

- **Swecha Organization** — Oct 2023 - Nov 2023
  Full Stack Developer Intern
  Worked on designing and developing web applications as part of a collaborative team.

- **Moxiehawk Private Limited** — Jun 2023 - Jul 2023
  Junior Technical Engineer Intern
  Contributed to the overall success of the venture by leveraging technical skills and collaborating with the team.

Certifications

- **Cisco Cybersecurity Fundamentals**   Jun 2023
- **Python Intermediate**   May 2022
- **Cloud Computing**   Dec 2023