Raviteja Thota

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Professional Summary

Motivated and detail-oriented computer science graduate., skilled in machine learning and passionate about utilizing technology to improve people's lives. Looking for a challenging position in a dynamic organization where I can leverage my technical skills and creativity to contribute to the success of the company.

Technical Skills

- **Programming Languages**: Python, Java, C/C++
- **Technologies**: : Data Science, Machine Learning, Deep Learning, AI/ML, NLP, Computer Vision

Education

University of South Dakota Vermillion, SD, USA
Master of Science in Computer Science *Aug 2024 – Present*
Relevant Coursework: Data Mining, Computer Vision, Artificial Intelligence, Deep Learning, Big Data

Kakinada Institute of Technology and Sciences Kakinada, IN
Bachelor of Technology in Computer Science *2018 – 2022*
Relevant Coursework: Python, Machine Learning, Deep Learning, Artificial intelligence

Experience

Academic Counsellor November 2022 – August 2024
Pristen Overseas Education *Bhimavaram, IN*

- Analyzed complex data sets, built data models and flows for efficient system integration
- Advised students on overseas education and career options
- Helped with university applications and deadlines
- Guided students through visa and immigration processes
- Shared knowledge of international courses and scholarships
- Prepared students for academic and social life abroad
- Collaborated with institutions for smooth student placements

Achievements

- Awarded the best project award in the university for developing a Virtual mouse using hand gesture recognition.

Projects

Virtual mouse using hand gesture recognition *Python. OpenCV, Tensorflow*

- DDeveloped a Virtual mouse using hand gesture recognition using python and machine learning algorithms.
- Utilized libraries such as TensorFlow and OpenCV to train and test the model.
- Awarded the bets project in the university.

Distributed Task Scheduling System with Load Balancing using gRPC | *Python, gRPC, Docker*

- Developed a robust architecture that separates the responsibilities of task submission, scheduling, and execution
- Created a functional prototype utilizing gRPC for inter-service communication and implement multiple load balancing strategies, such as round-robin and least connections.
- Assessed the system's performance regarding scalability, efficiency, and fault tolerance under varying workloads

Hobbies and Interests

- Reading articles on technology and Innovation.
- Playing chess
- Volunteering for social causes