

Chodagam Surya Bhanu Venkata Naga Sai

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Detail-oriented Computer Science and Engineering student with strong foundations in Python, Java, SQL, Data Structures, and Object-Oriented Programming. Hands-on experience in Machine Learning, data analysis, and cloud fundamentals through academic projects using TensorFlow, scikit-learn, and AWS. Proven ability to build data-driven models, solve problems analytically, and collaborate effectively in team environments. Seeking an entry-level software, machine learning, or data analyst role to apply technical skills and grow professionally.

KEY COMPETENCIES

- **Programming Languages:** Python, Java, C, SQL
- **Core Competencies:** Object-Oriented Programming (OOP), Data Structures & Algorithms, Machine Learning
- **Cloud & DevOps:** AWS (Cloud Foundations), MLOps, Cloud Computing, Network Administration
- **AI/ML Technologies:** Machine Learning, Artificial Intelligence, GenAI, Data Analytics
- **Tools & Frameworks:** Git, Linux, Docker, TensorFlow, scikit-learn
- **Databases:** MySQL, Oracle Database

PROJECTS

Real-time Rock-Paper-Scissors Game with Computer Vision

- Developed an interactive Rock-Paper-Scissors game utilizing computer vision and a pre-trained deep learning model (TensorFlow/Keras) and achieved 87% accuracy
- Implemented real-time image capture and inference to classify user hand gestures, enabling dynamic gameplay against an AI.
- Utilized Python, numpy, and Google Colab environment for development and execution.
- Demonstrated proficiency in machine learning application, image processing, and interactive system design.

Predictive Modeling for Student Performance

- Developed and implemented a linear regression model using scikit-learn and pandas to predict students' final exam scores based on study time, absences, failures, assignments, and mid-term grades, achieving an accuracy of approximately 89%.

EDUCATION & CERTIFICATIONS

pursuing Bachelor of Technology

Majors: Computer Science and Engineering
SRKR Engineering College

2024-2028

CGPA - 8.22

12th Class

MPC
Bharatiya Vidya Bhavans

2022-2024

Grade - 87%

10th Class

Bharatiya Vidya Bhavans

2021-2022

Grade - 90%

- **AWS Academy Graduate - Cloud Foundations** AWS Academy
- **Oracle Certified Foundations Associate** Oracle Academy
- **Artificial Intelligence for Beginners : python and AI basics** Udemy
- **Machine Learning Operations Fundamentals** Google cloud