Tenneti Vinay Kumar

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SUMMARY

Aspiring software developer with a strong foundation in AI & Robotics, proficient in Python and SQL. Experienced in developing autonomous systems and data-driven applications. Eager to contribute to innovative projects and collaborate with a dynamic team.

EDUCATION

Aditya Degree College, Visakhapatnam	**2023 -2025**
B.Sc Artificial Intelligence and Robotics	8.0 CGPA
Sri Chaitanya Jr College, Visakhapatnam	**2020-2022**
Intermediate	74%
Sri Vidya High School, Telangana	**2019-2020**
SSC	10.0

SKILLS

Front-End: HTML, CSS, Java Script, Bootstrap

Backend: Python, SQL

Technologies: Internet of Things (IOT)

PROJECTS

Movie Recommendation System Using Collaborative Filtering

Academic

Developed a personalized movie recommendation system using K-Nearest Neighbors (KNN) and cosine similarity. Integrated average ratings and popularity scores to improve recommendations. Enhanced user engagement by providing accurate and relevant movie suggestions.

AWS Web Application Deployment

Workshop

Designed and deployed a highly available and scalable web application on AWS. Utilized services such as EC2, RDS, S3, Route 53, and CloudFront for optimized performance. Ensured high availability and scalability of the web application.

EXPERIENCE

AI and Machine Learning Intern – ULearn (2-months)

Developed AI models in Python with a focus on data preprocessing, algorithm optimization, and working with machine learning techniques such as decision trees, logistic regression, and neural networks.

Project Lead – Gesture-Controlled Off-Road Vehicle

Designed and built a gesture-controlled off-road vehicle capable of navigating rough terrain, racing, and overcoming obstacles. Integrated gesture control for enhanced user interaction and precision driving.

CERTIFICATIONS

Python Programming
Front-End Web Design
Introduction to Databases