UDAY KIRAN TIRUMALASETTY

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Self-Introduction

A passionate and goal-oriented Computer Science student with a strong foundation in programming, data science, and cloud technologies. Skilled in utilizing serverless architectures to build efficient and scalable solutions. I am a self-starter who thrives in independent project management and continuously seeks to broaden my skill set through new learning opportunities. My background in data analysis and machine learning complements my expertise in cloud adoption strategies, making me well-equipped to handle complex technical challenges.

Education

Amrita Vishwa Vidyapeetham, Amaravati Sept 2022 - May 2026
B.Tech in Computer Science
- GPA: 7.31/10.0
- **Relevant Coursework:** Computer Architecture, Comparison of Learning Algorithms, Computational Theory

Narayana Institutions 2020 - 2022
Intermediate
Percentage: 83.2%

Vishwabharati High School 2019 - 2020
High School
Percentage: 99.3%

Certifications

- AWS Cloud Essentials - Amazon Web Services (AWS)
- Responsive Web Design - freeCodeCamp
- Scientific Computing with Python - freeCodeCamp
- Machine Learning with Python - freeCodeCamp
- JavaScript Algorithms and Data Structures - freeCodeCamp
- Data Visualization - freeCodeCamp
- Data Analysis with Python - freeCodeCamp
- Data Structures Using Python - Udemy
- Master Class on Data Science using Python A-Z for Machine Learning - Udemy
- Python Foundation Certification - Infosys

Projects

Medical Cost Ridge Regression Prediction
- Developed predictive models to forecast medical insurance premiums using machine learning techniques, aimed at providing insights for pricing strategies and risk management in the healthcare sector.
- Tools Used: Python, Jupyter Lab

Technologies & Skills

Languages: C++, C, Java, Python, SQL, JavaScript
Cloud Computing: AWS (Lambda, EC2, S3), Azure (Functions, App Services), GCP
DevOps Tools: Docker, Kubernetes, CI/CD pipelines