

Akash Mysa

+91 9398814288 | Akashmysa51@gmail.com |

EDUCATION

Grand Canyon University, USA

Master of Science: Data Science

CPI - 3.86/4

2023-2025

Gokaraju Rangaraju Institute of Engineering and Technology

Bachelor of Technology: Information Technology

CPI - 7/10

2019-2023

WORK EXPERIENCE

JABIL | Data Engineer

April 2025 – Oct 2025

- Diagnosed and resolved hardware/software issues on 1,800+ units, ensuring 98% accuracy.
- Developed SQL-driven dashboards to monitor test outcomes, reducing repeat issues by 50%.
- Automated defect logging and analysis with Python, cutting resolution time by 60%.
- Partnered with engineering teams to integrate monitoring systems into full-stack dashboards, elevating team efficiency by 50%.
- Applied Linux/SSH scripting for remote troubleshooting and system reliability improvements.

Rinex Technologies | Machine Learning Intern | [View Certificate](#)

Jan 2022 – Feb 2022

- Developed Python + OpenCV models for real-time human tracking (95% accuracy).
- Preprocessed 50K+ images, improving training efficiency by 25%.
- Optimized 5+ data pipelines for integration and analysis.
- Reduced false positives by 15% through AI detection integration.

TECHNICAL SKILLS

Programming: Python (NumPy, Pandas, Matplotlib, Scikit-learn), R, SQL, Bash

Machine Learning: Regression, Classification, Clustering, Model Evaluation

Data Visualisation: Power BI, Tableau, Seaborn, Excel Dashboards

Databases: MySQL, PostgreSQL, MongoDB

Tools & Platforms: Git, Jupyter Notebook, VS Code, Google Cloud

Statistical Analysis: Hypothesis Testing, A/B Testing, Probability, Regression Analysis

PROJECTS

Intelligent NLP System | *Python, Flask, Mistral AI*

- Built an NLP system with DialogFlow and Sentiment Analysis (F1-score: 94.75%).
- Developed a secure Flask app with user authentication and an admin dashboard serving 10K+ users.
- Deployed Conv1D and hybrid LSTM+Conv1D models for optimal performance.

Privacy Preserving Blockchain Mechanism | *Python, FHE, Cryptography*

- Implemented SSH-based secure authentication and FHE-based data protection.
- Built encryption and decryption modules handling 500+ blockchain transactions.

Real-Time Human Detection and Counting | *OpenCV, Python*

- Developed an object detection system using optical flow and motion tracking.
- Achieved 95% accuracy through shape, texture, and motion-based classification.

Real-Time Spotify Music Data Analytics | *GCP, Airflow, BigQuery*

- Automated ETL pipeline to process over 1M records from the Spotify API.
- Enabled real-time trend analysis, reducing manual data handling by 80%.

CERTIFICATIONS

- **Artificial Intelligence with Machine Learning (Oracle)** | [View Certificate](#)
- **The Joy of Computing using Python (NPTEL)** | [View Certificate](#)