

# Akash Mysa

+91 9398814288 | [Aakashmysa51@gmail.com](mailto:Aakashmysa51@gmail.com) |

## EDUCATION

<b>Grand Canyon University, USA</b> <i>Master of Science: Data Science</i>	CPI - 3.86/4 2023-2025
<b>Gokaraju Rangaraju Institute of Engineering and Technology</b> <i>Bachelor of Technology: Information Technology</i>	CPI - 7/10 2019-2023

## WORK EXPERIENCE

<b>JABIL</b>   Data Engineer	April 2025 – Oct 2025
<ul style="list-style-type: none"><li>Diagnosed and resolved hardware/software issues on 1,800+ units, ensuring 98% accuracy.</li><li>Developed SQL-driven dashboards to monitor test outcomes, reducing repeat issues by 50%.</li><li>Automated defect logging and analysis with Python, cutting resolution time by 60%.</li><li>Partnered with engineering teams to integrate monitoring systems into full-stack dashboards, elevating team efficiency by 50%.</li><li>Applied Linux/SSH scripting for remote troubleshooting and system reliability improvements.</li></ul>	
<b>Rinex Technologies</b>   Machine Learning Intern   <a href="#">View Certificate</a>	Jan 2022 – Feb 2022
<ul style="list-style-type: none"><li>Developed Python + OpenCV models for real-time human tracking (95% accuracy).</li><li>Preprocessed 50K+ images, improving training efficiency by 25%.</li><li>Optimized 5+ data pipelines for integration and analysis.</li><li>Reduced false positives by 15% through AI detection integration.</li></ul>	

## 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](#)