VISHNUGUPTHAA RAMIDI

Los Angeles, CA (Open to relocation) | (929) 613-8236 | ramidivishnugupthaa@gmail.com | LinkedIn | GitHub

SUMMARY

- Results-Driven Data Analyst | Machine Learning & Cloud Infrastructure. Leveraged Python, Spark, and Azure/GCP to deliver \$2.1M+ in operational savings through predictive ETL pipeline optimizations.
- Improved ML model accuracy by 18% for healthcare analytics at Cedars-Sinai (98% prediction rate), directly reducing diagnostic costs by 12%. Certified Generative AI specialist focused on automating financial reporting workflows (25% faster insights for C-suite teams).

EDUCATION

California State University Dominguez Hills - Master of Science in Computer Science Engineering Aug 2022 - May 2024 Keshav Memorial Institute of Technology – B.Tech in Computer Science Engineering Aug 2017 - Jun 2021

TECHNICAL SKILLS & CERTIFICATIONS

- Programming & Analysis: Python (Pandas, NumPy, Matplotlib, Scikit-learn, NLTK), R, SQL, Scala, PySpark, SAS, TensorFlow, Generative AI.
- Big Data & Cloud: Microsoft Azure (Data Lake, Databricks), GCP, AWS, Snowflake, Informatica ETL, Apache Airflow, Jupyter.
- Data Visualization: Tableau (Advanced Calculated Fields, Storylines), Power BI (DAX, Power Query), Seaborn, ggplot2.
- Database & Tools: MySQL, Oracle, Jenkins CI/CD, Git/GitHub, JIRA, Agile/Scrum, MS Excel (VBA, Power Pivot, Macros).
- Certifications : Gen AI | Data Analysis | GitHub | Program Management | Certified Spark Developer | Introduction to AI | Data Science | Specialization | Practical Machine Learning using TensorFlow

WORK EXPERIENCE

Data Analyst | CSUDH | Aramark, Carson, CA

- Streamlined and automated financial reporting processes using EBT and Market PRO, reducing manual data entry by 25% and decreasing monthly reporting time by 15 hours, enabling faster decision-making.
- Managed the full invoice lifecycle, resolving discrepancies and ensuring the accurate and timely processing of raw material orders, which maintained a 98% on-time payment rate and prevented supply chain disruptions.
- Collaborated with finance teams to conduct in-depth budget analysis, developing predictive models for budget forecasting using advanced Excel functions (Power Query, Power Pivot) that informed strategic resource allocation, resulting in a 10% reduction in budget variance.
- Analyzed large datasets of payroll and operational data using advanced Excel skills, creating dynamic dashboards and actionable insights that identified key areas for cost optimization, leading to a 5% reduction in operational expenses.

Associate Data Analyst | TCS, Bengaluru, India

- Redesigned customer service pipelines using PySpark and Azure Data Factory, improving processing efficiency by 30% and enabling real-time insights, which contributed to an additional \$180K in upsell revenue per quarter.
- Architected an ETL framework with Python and Airflow, automating 50% of workflows, reducing data latency by 40%, and earning the "Star Performer" award for avoiding \$1.2M in infrastructure costs.
- Led the Agile migration of 12 legacy systems to Snowflake, achieving 99.8% data integrity and reducing query times from 12 minutes to 45 seconds for 200+ analysts.

Engineering Intern | OpenText | Hyderabad, India

- Developed and maintained a Python/Selenium test automation suite, reducing regression testing cycles by 40%, which accelerated feature releases for 10K+ enterprise users.
- Implemented Jenkins CI/CD pipelines, reducing deployment failures by 65%, ensuring 24/7 availability and reliability for a \$50M/year e-document platform.
- Authored and implemented a root-cause analysis framework, decreasing bug resolution time by 25%, which contributed to an improvement in NPS scores from 72 to 89 within 6 months.

ACADEMIC PROJECTS

Cancer-Type-Prediction-and-Exploration-of-TCGA-Data | Academic Project | Cedars - Sinai Feb 2024 - May 2024

- Developed PCA/K-means model (TensorFlow) achieving 98% accuracy, reducing diagnostic delays by 17 days for 300+ patients.
- Engineered Tableau dashboards to visualize 10K+ genomic records, accelerating clinical reviews by 40% and identifying 15+ biomarkers.

Graphology | Academic Project | KMIT

• Deployed OpenCV/TensorFlow CNN with 85% validation accuracy on 1K+ handwriting samples via Flask API (2.3sec latency), enabling real-time psychographic profiling for 500+ users and 92% actionable HR predictions in pilot tests.

Jun 2021 – Aug 2022

Oct 2019 – Aug 2020

Jul 2021 – Aug 2021

Sep 2022 – May 2024