

Ranjith Goud Palusa

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PROFESSIONAL SUMMARY

Dedicated Data Analyst with a strong foundation in Computer Science Engineering and a master's in advanced data Analytics. Proficient in Python, SQL, and machine learning, adept at deriving actionable insights from complex datasets. Skilled in statistical analysis, data visualization, and predictive modeling, poised to contribute expertise to drive strategic decision-making in a full-time role. Proven ability to collaborate within diverse teams and deliver impactful solutions. Eager to apply analytical acumen and cross-disciplinary skills to drive innovation in a dynamic, full-time position focused on data-driven excellence.

EDUCATION

University of North Texas - Denton, Texas, US | Masters in Advanced Data Analytics

12/2023

3.66 GPA

MLR Institute of Technology - Dundigal, HYD | Bachelor of Technology in Computer Science Engineering

01/2022

SKILLS

- Problem Solving: Analytical mindset to address complex problems.
- Collaboration: Effective teamwork and communication skills.
- API Management Tools: APIGEE API Management
- CI/CD Tools: Github Jenkins
- Languages: Python, Core Java
- Monitoring Tool: Splunk
- Research & Analysis: Ability to conduct in-depth research and analyze data for insights.
- Classification: Proficient in Clustering, Hypothesis Testing.
- Big Data Tools: Hadoop, Java, Keras (if applicable or relevant).
- Statistical Analysis: Regression, Matplotlib, MySQL, NumPy, PHP.
- Operating Systems: Linux, Windows.
- Programming Languages: C, Python.
- Database Management: SQL, SQLite.
- Machine Learning: Scikit-Learn, Spark (if applicable or relevant).
- Data Mining: Association Rule Mining.
- Web Technologies: HTML, TensorFlow.
- Data Analysis & Visualization: Pandas, Seaborn.

WORK HISTORY

INTERNSHIP

Apigee Developer

- Responsible for communication with customers to understand the API
- Creating API Proxies with traffic management, Mediation policies, Security Policies, and Flow callout policies
- Designed centralized security architecture like JWT and OAuth 2.0 for secure APIs
- Design 2-factor authentication for clients and API Owners to secure from malware protection
- Responsible for deploying all the Apigee Proxies in dev, Test, QA, and production
- Responsible for creating products in Apigee so that they can be consumed by the consumers
- Integrated services with Management analytics and helped in improving the API

- performance and maintenance
- Understood various components within the Apigee Platform so that issues can be resolved when needed
- Using Swagger to maintain the API ecosystem and to maintain interactive documentation
- Implementation of API proxy security and data protection
- Configuring Windows APIGEE servers using FTP and HTTP protocols

PROJECTS

Capstone Project: Analysis of Federal Home Loan System Conducted comprehensive analysis of mortgage data from the Federal Home Loan Bank (FHLBank) Public Use Database for 2022. Identified trends and correlations between loan attributes, borrower demographics, and economic indicators. Developed predictive models to anticipate high-cost mortgages and assess credit risk. Provided actionable insights for policymakers and contributed to fair lending policy discussions. Implemented statistical analyses and methodologies using Python, Excel, and Jupyter notebook. Communicated findings effectively through reports and presentations.