

Suryakailash Ramesh

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PROFESSIONAL SUMMARY

Data Scientist & BI Engineer specializing in building scalable data infrastructure and predictive analytics. Proven ability to develop and deploy ML models, automate data pipelines, and create real-time dashboards that drive data-driven decision-making. Expertise in Python, Azure, and Power BI.

SKILLS

Data & Analytics • ETL/ELT • Data Validation & Quality • Data Modeling • Applied Statistics • Python • Azure Data Factory • Azure Data Explorer • Azure Functions • Power BI • Power Query • Power Pivot • SQL • Machine Learning • Deep Learning • Scikit-learn • XGBoost • Data Science • Software Engineering • RESTful service design • Agile • TDD • MVC • Design Patterns • Azure • Python (FastAPI, Flask) • Data Visualization • Production Support • Linux • Postman

PROFESSIONAL EXPERIENCE

AI Developer | Qjump.AI | Redmond, Washington, United States | -

- Built telemetry-driven analytics infrastructure to track system uptime, latency, and error propagation across distributed services.
- Automated data ingestion and transformation pipelines (Python, SQL, Azure Data Factory), handling structured and semi-structured data at scale.
- Deployed forecasting models (XGBoost) for usage and capacity trends, improving prediction accuracy by 20% and enabling proactive scaling.
- Integrated anomaly-detection scripts for performance metrics, reducing manual debugging time by 45%.
- Designed and deployed real-time Power BI dashboards with automated alerts, enhancing visibility of operational KPIs by 60%.

EDUCATION

Master of Science in Data Science (MSDS) | Seattle University | Seattle, WA | 2025

CERTIFICATIONS

Data Science | IBM

Azure Fundamentals | Microsoft

Data Fundamentals | Google