**Praveena Kumar Reddy Vutukur**

Tampa, FL | 551 229 8192 | [v.praveen.reddy@gmail.com](mailto:v.praveen.reddy@gmail.com)

**SKILLS**

**Programming & Data Tools:** SQL, Python, Oracle, Java, C++, Scala, PySpark, Hive, Impala, Kafka  
**Cloud & Big Data Technologies:** Azure, AWS, Databricks, EC2, S3, Glue, Docker  
**Analytics & ML Tools:** Pandas, NumPy, Scikit-learn, Power BI  
**Project & Collaboration Tools:** MS Office Suite (Excel, PowerPoint, Word, Visio), MS Project, JIRA, Confluence  
**Methodologies:** Agile, SDLC, Enterprise Architecture, Data & Database Architecture, EDW  
**Domain Knowledge:** Wholesale Banking, Risk Management, AML/Fraud

**Education:** Post Graduation Diploma **Majors**: Computer Application **Graduation Date:** 2000

**EXPERIENCE**

**Optimum Solutions (S) Pte Ltd** *Singapore*

*Senior Data Consultant Jun 2024- Present*

* Leading data engineering team in design and development data models and mapping for Market Risk, Credit Card Risk and Operational Risks.
* Built and optimized data pipelines using ADF (23+ sources& 70+ manual files ) and PySpark on Databricks, creating robust silver/gold layer data models aligned with EDW standards.
* Driving automation of 40+ manual regulatory/internal reporting processes, achieving real-time delivery and enhancing data quality
* Partnered with Enterprise Architect and other stakeholders and key contributor in finalizing architecture for Risk domain which aligns to Client’s Enterprise architecture.

**Standard Chartered Bank** *Singapore*

*Mar 2007 – May 2024*

*Head Trade Delivery, Trade Fraud Risk Management Jan 2020- May 2024*

* Lead 20+ Data Engineers, 4 Analysts for creating client-specific Fraud and AML scenarios through Azure Cloud & on-premises Hadoop infrastructures by leveraging data from 12 internal systems & 2 external systems with 50 billion records each month.
* Strategic solution improved operational efficiency and ensured regulatory compliance resulting in savings USD 200+ millions of potential losses over 4 years.
* Developed re-alert logic, reducing noise by 70% and saving 15+ FTE, enabling effective focus on high-risk transactions.
* Received 5 external and 2 internal awards for innovation and excellence in big data-driven financial solutions over 4 years.
* Partnered with Compliance, Risk, and Technology teams to design and implement compensating controls for mitigating identified fraud & AML risks.
* Earned 5 external and 2 internal awards for innovation and excellence in big data-driven financial solutions over 4 years.

*Senior Project Manager Jan 2020- May 2024*

* Achieved 15% enhancement in efficiency by directing cross-functional teams in introducing trade risk projects/programs, including regulatory, operational loss, information security, obsolescence, and Data Quality Management Framework (DQMF).
* Developed and managed bi-weekly, monthly, and quarterly status reporting for senior stakeholders, tailoring messaging to diverse audiences and providing actionable insights.
* Identified, assessed, and managed risks, issues, and dependencies across projects, ensuring effective mitigation strategies and timely resolution of obstacles.

*Head Development AML, Sanctions, COCOA Arp 2011 – Apr 2018*

* Lead the team of 25+ Java developers and 5+ subject matter experts/analysts as a Delivery Manager to construct in-house platform, overseeing collaterals, credit risk, sanctions, AML, and fraud solutions within trade finance domain.
* Transitioned collateral risk exposures exceeding $15B from manual files to automated system for successful risk mitigation removing 90+% compliant and operational risks.
* Initiated design and implementation of microservices-based solution using Java on Docker within bank in 2015 for innovative technology adoption and reduced 30% of coding errors by externalizing the interfaces from multiple legacy systems and accelerating feature deployments by 20%.
* Facilitated internal and external connectivity by devising 30+ Trade Finance APIs for organizational success and growth and reducing future integrations by 40% of time.
* Reduced 90% of operations errors, 80+% of manual checks saving 100s of FTE monthly and improved accuracy by automating vessel checks through collaboration with external vendors (LLI).
* Met requirements, designed systems, and addressed issues for seamless cross-functional communication and regulation of organizational functions by engaging with product and operations teams.

*Additional Experience*

* Held various roles including Business Solution Manager, Senior Project Manager, Project Manager, and Delivery Manager, demonstrating a consistent track record of successful program execution and leadership

**ACTIVITIES AND COURSEWORK**

* Azure Data Engineer
* Data Science and Machine Learning: Making Data-Driven Decisions Certification, MIT
* Azure Fundamentals, Azure Data & AI Fundamentals
* Certified Project Management Professional (PMP)
* Certified Scrum Master (CSM)