

SAKETH RAM MAMILLAPALLI

Middle Data Analyst and Business Analyst

SUMMARY

- 3.5 years in fintech and regulated banking with expertise in SQL, Python, and data governance.
- Engineered MBR SQL reporting framework processing 55K+ on-chain transactions, adopted as single source of truth for leadership.
- Developed fraud detection pipeline normalizing multi-account wallets across 4 chains, preserving revenue integrity.
- Automated Finance data validation reducing manual effort by 60%, achieving zero post-production defects across 3 UAT cycles.
- Skilled in Power BI, Apache Superset, cohort analysis, unit economics, and Agile methodologies driving data-driven decision making.

TECHNICAL SKILLS

Main Technical Skills	SQL (3 yr.), Python (3 yr.), Power BI (3 yr.), VBA (3 yr.)
AI Tools & Assistants	ChatGPT, Claude
Programming Languages	Java, Kotlin, Python (3 yr.), R, VBA (3 yr.)
AI & Machine Learning	Claude
Android Libraries and Tools	Kotlin
JavaScript Libraries and Tools	LoopBack (2 yr.)
PHP Frameworks	Slim (1 yr.)
Java Libraries and Tools	Spring Data (1 yr.)
.NET Platform	VBA (3 yr.)
Python Libraries and Tools	Web3.py (1 yr.)
Data Analysis and Visualization Technologies	Artificial neural networks for forecasting (1 yr.), Business Analysis (1 yr.), Business Intelligence (BI), Celonis (2 yr.), Data Analysis (1 yr.), Data Lineage (2 yr.), Data Mining, ELT, ETL, Microsoft Azure Synapse Analytics (2 yr.), Power BI (3 yr.), Statistical Analysis (1 yr.), Tableau
Databases & Management Systems / ORM	Data Warehousing, DBeaver (1 yr.), MS SQL Server Management Studio (2 yr.), MySQL (3 yr.), PostgreSQL (3 yr.), RDBMS, SQL (3 yr.)
Azure Cloud Services	Azure Cloud Functions (1 yr.), Microsoft Azure Synapse Analytics (2 yr.)

Google Cloud Platform	Google Docs (1 yr.)
UI/UX/Wireframing	3D Modelling (1 yr.), Microsoft Visio (2 yr.), Wireframing (1 yr.)
QA, Test Automation, Security	A/B Testing (1 yr.), Allure Report (1 yr.), regression testing (1 yr.), Unit Testing (1 yr.)
Project Management & Administration	Acceptance Criteria (1 yr.), Stakeholder Management (1 yr.), Technical Writing (1 yr.)
Methodologies, Paradigms and Patterns	Agile (2 yr.), FDD (1 yr.), Scrum (2 yr.), SDLC (2 yr.), Solution Architecture Design (1 yr.), User Stories (1 yr.)
Message/Queue/Task Brokers	Apache ActiveMQ (1 yr.)
Collaboration, Task & Issue Tracking	Atlassian Confluence (2 yr.), Jira (2 yr.), Notion (1 yr.)
iOS Libraries and Tools	Core Location (1 yr.)
Platforms	ERP, Power Automate, SharePoint (2 yr.)
Version Control	Git, GitHub (2 yr.)
Third Party Tools / IDEs / SDK / Services	Power Query
SDK / API and Integrations	ServiceNow API (2 yr.)
Blockchain and Decentralized Software	Web3.py (1 yr.)
Other Technical Skills	Apache superset (1 yr.), DATA ANALYST, Data Analytics, Data Analytics / BI, Enterprise Resource Planning, Fraud Detection & Protection (1 yr.), IT Business Analysis, Looker, MS Copilot, Privacy Compliance & Data Governance (2 yr.), Requirements elicitation (1 yr.)

WORK EXPERIENCE

Data Analyst - DG3 (Prediction Market Terminal (Chainverse))

Duration: Jan 2026 – Aug 2026

Summary:

- Developed a comprehensive analytics infrastructure for a blockchain-based prediction market terminal, processing over 55,000 on-chain transactions monthly
- The project aimed to provide accurate, investor-grade metrics and fraud detection to support business decisions and fundraising efforts

Responsibilities:

- Architected MBR SQL reporting framework covering 12+ key metrics across Bronze/Silver/Gold medallion architecture.



- Designed a 4-channel acquisition attribution framework using UTM parameters for marketing spend optimization.
- Built investor-grade Unit Economics models to analyze transaction data and support fundraising.
- Engineered fraud detection pipelines normalizing Gmail aliases and clustering multi-account wallets.
- Extracted and qualified trader wallet data for targeted outreach.
- Conducted funnel and cohort analyses to identify onboarding issues and presented findings to leadership.
- Maintained PostgreSQL medallion warehouse and designed Apache Superset dashboards for stakeholders.

Technologies: SQL, PostgreSQL, Python, Apache Superset, Dune Analytics API, DeBank, Medallion Architecture, Data Warehousing

Senior Analyst, Data Governance & Business Analyst - Equitable Bank (Finance Data Governance and Transformation)

Duration: Dec 2023 – Oct 2025

Summary:

- Led finance data governance and transformation initiatives in a regulated banking environment, ensuring data quality, compliance, and automation of validation processes
- Delivered dashboards and reporting solutions to improve finance operations and reduce defects

Responsibilities:

- Owned end-to-end finance data governance including data quality controls for completeness, accuracy, validity, and timeliness.
- Automated recurring data validation using Python and Excel VBA, reducing manual effort.
- Built Power BI dashboards and semantic data models for finance leadership.
- Maintained business and technical metadata and data lineage across multiple schema changes and migrations.
- Led UAT across 3 finance transformation release cycles with extensive test case execution.
- Translated finance requirements into BRDs, FRDs, reporting logic, and dashboards.
- Investigated transaction-level reconciliation breaks and reduced finance close cycle time.
- Designed Excel VBA automation saving 15–18 hours per week and maintained documentation in Jira and Confluence.

Technologies: Python, Excel VBA, Power BI, Jira, Confluence, Agile, Data Governance, Data Quality Controls

Business Analyst Intern - Equitable Bank (Finance Data Quality and Reporting)

Duration: Sept 2023 – Dec 2023

Summary: Supported finance data quality and reporting initiatives by translating requirements into data quality rules and reporting specifications, and executing testing and reconciliation activities.



Responsibilities:

- Translated finance requirements into data quality rules and reporting specifications.
- Executed UAT and regression testing.
- Conducted transaction-level reconciliation with root cause escalation.

Android Developer - Vidal Healthcare TPA (BMI Prediction Module Development and Backend Migration)

Duration: Jan 2020 – Jul 2020

Summary: Contributed to the migration of backend services from Java to Kotlin and developed BMI prediction modules for healthcare users, enhancing application functionality and user experience.

Responsibilities:

- Supported Java-to-Kotlin backend migration.
- Developed BMI prediction modules used by over 5,000 active users.
- Conducted integration testing and code reviews to ensure QA compliance.

Technologies: Java, Kotlin, Android Development

EDUCATION

- **MSc - Data Science and Analytics | University of Calgary, Canada**
Jan 2023 – Dec 2023
- **PGDM / MBA - Banking, Insurance and Financial Services | Institute of Public Enterprise, Hyderabad**
Aug 2020 – May 2022
- **BE - Electronics and Communication | Sathyabama Institute of Science and Technology, Chennai**
Jun 2016 – May 2020

