

SRI RAM PRABU ELENCEZHIAN

509-308-3354 | srprabu01@icloud.com | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL EXPERIENCE

Rehouzd | *Business Analyst Intern*

Jan 2026 - Mar 2026

- Gathered stakeholder requirements and improved ETL documentation on relational data warehouses, applying dimensional modeling to standardize reporting source data and cut data discovery time by 45%.
- Designed Power BI dashboards delivering analytical and financial insights to cross-functional stakeholders, cutting decision-making time by 70%; optimized underlying queries to halve cost per query.
- Authored business requirements documents (BRDs) and translated stakeholder needs into user stories and acceptance criteria, running UAT validation cycles on operational reports within Agile ceremonies.

Sify Technologies | *Data Engineer*

Feb 2023 - Dec 2024

- Analyzed 100K+ user interactions using SQL window functions and partitioning to identify churn drivers through cohort segmentation, reducing customer churn by 30%.
- Translated product goals into measurable KPIs by liaising between business, IT, and data teams within Agile sprints, boosting efficiency by 15% and cutting analysis turnaround by 25%.
- Drove legacy infrastructure migration for a global client base, executing UAT, technical spec reviews, and data validation to achieve 100% data governance compliance, 35% lower system cost, and 76% lower latency.
- Engineered PySpark transformations on Databricks and automated operational reporting workflows using Power Platform and ServiceNow, performing impact analysis on pipeline changes before each release.

Trio Infalytics | *Data Analyst Intern*

Sep 2022 - Feb 2023

- Integrated and validated data from multiple sources to run trending analysis on 50K+ records, surfacing behavioral patterns that drove launch of a system generating \$30K/month in recurring revenue.
- Automated Python data workflows and delivered KPI tracking and forecasting solutions for leadership, cutting manual effort by 30% and halving decision-making time.
- Gathered and documented reporting requirements from business teams, then built the data querying and validation workflows behind visualizations that highlighted performance trends.

PROJECTS

Inventory Management System | *IBM Developer Skills Network*

- Designed ETL pipelines on Azure using SQL and dimensional modeling to integrate supply chain and inventory data, building Power BI demand-forecast dashboards that cut manual effort by 35% and improved planning accuracy by 45%.

Ponzi Scheme Detection | *Presented at IEEE YESIST12 and ICIEICE23*

- Developed blockchain fraud-detection models using Python (Pandas, NumPy) and SQL ETL pipelines on Snowflake, applying feature engineering, anomaly detection, and causal inference to achieve 96% model precision and reduce data latency by 23%.

Algorithmic Trading Platform

- Built a backtesting framework using FastAPI, VectorBT, and AWS (S3, Spot EC2) with an AI transpilation pipeline converting PineScript/Python strategies, achieving 10-100x faster backtests validated against TradingView.

SKILLS

- **Programming & Tools:** Python, SQL, R, Java, PowerShell, VBA Macros, Git, Jira, Power Platform, MS Project
- **BI & Visualization:** Power BI, Tableau, QuickSight, Looker, Excel (Pivot Tables, Power Pivot), Claude/GenAI, Alteryx
- **Cloud & Data Platforms:** AWS, Azure, Snowflake, Redshift, Databricks (PySpark), Microsoft Fabric, Hadoop, Spark
- **BA & PM:** User Stories, Gap & Impact Analysis, UAT, Agile/Scrum, Kanban, Stakeholder, Risk & Change Management
- **Data & Analytics:** ETL & Pipeline Orchestration, Data & Statistical Modeling, Cohort Analysis & Segmentation, A/B Testing
- **Certifications:** Certified Blockchain Expert, Generative AI Fundamentals (Databricks), AWS Certified Cloud Practitioner

EDUCATION

Northeastern University, Seattle | *M.S., Project Management (Analytics Specialization)* Seattle 2026

IMT Ghaziabad | *MBA, Advanced General Management Program* Ghaziabad 2025

Anna University | *B.E., Computer Science & Engineering* 2023

LEADERSHIP POSITIONS

NUPM (PMI Club Leadership) | *Finance Program Coordinator (Treasurer)* Jan 2025 - Jan 2026

- Managed the organization's budget and financial strategy, allocating funds across events and initiatives to increase member engagement by 70% and halve costs versus the prior cycle.