

SRI RAM PRABU ELENCEZHIAN

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PROFESSIONAL EXPERIENCE

Rehouzd

Jan 2026 - Mar 2026

Business Analyst Intern

- Gathered stakeholder requirements & authored BRDs/PRDs, translating needs into user stories & acceptance criteria, & running UAT validation cycles on operational reports.
- Designed Power BI dashboards on relational data warehouses, applying dimensional modeling & query optimization to standardize ETL documentation cutting data discovery time 45% & decision-making time 70%

Sify Technologies

Feb 2023 - Dec 2024

Data Engineer

- Translated product goals into measurable KPIs, liaising with cross-functional business, IT, and infrastructure stakeholders through process mapping and gap analysis to cut analysis turnaround 25%.
- Drove legacy infrastructure migration for a global client base, coordinating server provisioning, capacity planning, and cutover risk management to reach 100% data governance compliance and 34% lower system cost.
- Analyzed 100K+ user interactions using SQL window functions and partitioning to identify churn drivers through cohort segmentation and root cause analysis, reducing customer churn.
- Engineered PySpark transformations on Databricks and orchestrated ETL pipelines into Snowflake using Azure Data Factory, applying incremental loads and Git version control with impact analysis before each release.

Trio Infalytics

Sep 2022 - Feb 2023

Data Analyst Intern

- 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, giving product owners visibility into performance trends and reducing manual reporting effort.

PROJECTS

Inventory Management System

IBM Developer Skills Network

- Built Power BI demand-forecast dashboards on SQL dimensional models integrating inventory & supply chain data, improving forecast accuracy 45% & cutting manual reporting effort 35%.

Blockchain Smart Contract Fraud Detection

Presented at IEEE YESIST12 and ICIEICE23

- Built a Python (TensorFlow/Keras) classification model on 3,774 blockchain smart contracts, benchmarking precision & recall against a Random Forest baseline to reach 98.2% precision and 95.9% F1.

Algorithmic Trading Platform

- Built a backtesting framework using FastAPI, VectorBT, & AWS (S3, Spot EC2), with an AI transpilation pipeline converting PineScript strategies to Python for 10x faster backtests.

LEADERSHIP POSITIONS

NUPM (PMI Club Leadership)

Jan 2025 - Jan 2026

Finance Program Coordinator (Treasurer) - PMI

- Managed the chapter budget & financial strategy across events and initiatives, raising member engagement 72% at half the prior cost.

SKILLS

Programming & Tools

- R
- SQL
- Python
- PowerShell
- Git
- Jira
- Power Platform
- MS Project

BI & Visualization

- Power BI
- Alteryx
- Tableau
- Excel (Pivot Tables, Power Pivot)

Cloud & Data Platforms

- AWS
- Azure
- Snowflake
- Databricks (PySpark)
- Microsoft Fabric

Data & Analytics

- ETL & Pipeline Orchestration
- Data & Statistical Modeling
- Cohort Analysis & Segmentation
- A/B Testing

BA & PM

- User Stories
- Gap & Impact Analysis
- UAT
- Agile/Scrum
- Kanban
- Stakeholder, Risk & Change Management

Certifications

- Certified Blockchain Expert
- Generative AI Fundamentals (Databricks)
- AWS Certified Cloud Practitioner

EDUCATION

M.S., Project Management (Analytics Specialization)

Jul 2026

Northeastern University
Seattle

Advanced General Management Program

2025

IMT Ghaziabad
Ghaziabad

B.E., Computer Science & Engineering

2023

Anna University