

# Sai Santoshi Praneetha Mukkamala

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## SUMMARY

- Data/BI Engineer with 3+ years delivering SQL/Python ETL/ELT pipelines, data models, and production dashboards across startup and enterprise environments.
- Drove 99% service uptime, 30% lower latency, and 40% faster releases by defining KPIs, instrumenting funnels/SLOs, and automating reporting.
- Warehouse-first on AWS/GCP (Redshift, S3, BigQuery), strong data modeling and stakeholder-facing BI that informs decisions.

## TECHNICAL SKILLS

- **Languages:** SQL, Python, Java, TypeScript
- **Data & Warehousing:** Redshift, BigQuery, PostgreSQL, MySQL, S3, Kafka, ETL/ELT, Data Modeling, Dimensional Modeling (Star Schema), Data Visualization
- **BI & Analytics:** Power BI, Tableau, Cohort/Funnel Analysis, A/B testing, KPI design, WBR/MBR reporting, Excel
- **Orchestration & CI/CD:** GitHub Actions, Jenkins, Docker, ECS, CloudWatch

## PROFESSIONAL EXPERIENCE

### Reality AI Inc.

Dallas, Texas

#### Data Analyst

January 2025 – Present

**Tech Stack:** SQL, Python, Redshift, S3, Power BI/Tableau, GitHub Actions, Docker, ECS, CloudWatch, PostgreSQL, MySQL

- Monitored industry news, competitor activity, and market trends. Produced weekly and monthly competitive reports with product and marketing that informed pricing and product decisions.
- Designed and maintained Power BI/Tableau dashboards for KPIs, anomalies, and competitive benchmarks. Gave leaders accurate, actionable insights.
- Automated Python and SQL ETL to integrate competitive and media datasets. Increased accuracy and timeliness of analytical reports.
- Prepared executive presentations and Excel-based financial models. Improved clarity of recommendations and cross-departmental decision-making.

### Tomorrow's AI

Washington, DC

#### Business Intelligence Engineer

September 2024 – December 2024

**Tech Stack:** SQL, Python, Kafka, BigQuery, GCP Cloud Storage, Tableau, Excel, Jira, Confluence

- Audited 50K+ daily articles and competitor updates with marketing analysts. Built dashboards and ad-hoc reports that identified market trends for quarterly reviews.
- Developed Tableau/Excel reports on engagement metrics and pricing comparisons. Enabled analytical and strategy reviews.
- Implemented scoring APIs with Kafka + SQL to surface trending topics. Documented workflows in Jira/Confluence and reduced report turnaround time by 20%.

### Infosys Ltd.

Hyderabad, India

#### SAP Data Analyst

March 2021 – November 2022

**Tech Stack:** SQL (Oracle, PostgreSQL), ETL, SAP Fiori, CDS Views, Power BI, Tableau

- Performed trend analysis and KPI benchmarking on production/quality datasets. Identified anomalies that informed compliance and reporting improvements.
- Built SAP Fiori CDS Views dashboards for scrap rate, yield, workforce allocation. Improved decision-making by 20%.
- Optimized ETL workflows in Oracle/Postgres. Cut job runtimes by 50% and ensured consistent reporting accuracy for compliance reviews.

## PROJECTS

### U.S. Employment Trends Dashboard

Tableau, SQL, BigQuery

Created a Tableau dashboard analyzing **50+** state-level labor metrics. Improved trend identification speed by **30%** and supported policy decision-making.

### AI Resume Screening & ATS Job Matching System

Python, React.js, Gemini API, NLP

Developed a hybrid semantic matcher using TF-IDF + LLM embeddings to evaluate 100+ resumes against JDs. Delivered real-time scoring, tailored recommendations, and agent design patterns for interpretability safeguards.

## EDUCATION

University of Texas at Arlington – M.S. Computer Science

January 2023 – December 2024

Jawaharlal Nehru Technological University, Hyderabad – B.Tech Computer Science

August 2016 – September 2020