

Sharath Byladakere Somashekhar

Senior Data Leader & AI Innovator

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Data & BI leader with 12+ years building scalable data ecosystems, self-service BI, and AI-driven automation. Delivered \$2.3MM+ annual impact at Amazon, saved 50+ FTE via automation, and cut data access from weeks to <1 hour. Recent focus: Agentic AI workflows (90% dev time reduction), dbt migrations, and leadership of 8-person teams delivering 5 critical projects in 3 months.

Core Skills

SQL Python Redshift dbt ETL / ELT Data Warehousing AWS (S3, Athena, QuickSight)

Databricks BI: Looker, Tableau, Power BI, QuickSight Agentic AI Workflows Automation & QA Frameworks

Stakeholder Management

Team Leadership

Experience

Engineering Manager, Data — CitiusTech (for Kyruus Health)

Mar 2025 – Present

- Engineered an agentic AI workflow (Python + Claude) that auto-migrated 500 Matillion jobs to dbt, reducing manual development time by ~90%.
- Led 8 engineers (dbt/Looker) to unblock and deliver 5 critical projects in 3 months; instituted QA framework to improve delivery quality and velocity.
- Built GenAI chatbot (Databricks) and a custom Python ingestion API; replicated a Power BI dashboard in React to cut license costs and enable custom features.

Senior Business Intelligence Engineer — Amazon (Alexa)

Feb 2020 – May 2022

- Pioneered data architecture for 260+ person org; launched self-service BI platform cutting data access from 2 weeks to <1 hour; ~\$2.3MM annual impact.
- Delivered 5 QuickSight dashboards, onboarded 10+ critical tables, and completed 35+ analyses; built GDPR-compliant deletion mechanisms.
- Built and mentored a 4-person BI team; authored 3-year analytics roadmap with executive buy-in.

Senior Business Intelligence Engineer — Amazon (Ads)

May 2018 – Jan 2020

- Built HeadCT automation for a 6,000+ employee org; eliminated 50% analyst bandwidth (~\$200K/mo opportunity cost) via SharePoint → Redshift → QuickSight.
- Established retargeting metrics infrastructure from petabyte-scale Athena; automated SDP revenue reporting and WBR metrics under tight deadlines.
- Drove agency reporting automation from 2 days to hours via weekend staging and daily scheduled pipelines; improved accuracy and stakeholder trust.

Business Intelligence Engineer — Amazon (Compliance – HS3C)

Aug 2016 – May 2018

- Unified 90+ sources into a denormalized Redshift layer (100+ columns) enabling 300+ automated metrics and dashboards for RPC & COPS.
- Provisioned Redshift cluster and Tableau licenses; automated WBR/MBR/QBR reporting; built classification tables enabling 2 new business launches.

Business Analyst / SME — Amazon (India)

Sep 2012 – Aug 2016

- Delivered ~18 high-impact projects; flagship Barcode Reconciliation eliminated 32,000 tickets/yr (~8 FTE saved); earned “Outstanding” rating.

- Automated Hazmat classification for ~15,000 ASINs; built the Auto Reporter tool; championed data literacy for 150+ associates/managers.

Education

BE, Mechanical Engineering — Visvesvaraya Technological University

Selected Achievements

- NIE recognition letter citing ~\$2.3MM annual business impact.
- 5x “Outstanding”/promotion milestones across 2012–2020 career progression.
- Built quantitative trading systems (₹3 Cr+ AUM) with 20% CAGR; mentored interns and mentees.