

# NISHANTH RAJKUMAR

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Senior Data Engineering Professional | Cloud Data Platforms | Enterprise Integration Leader

## SYNOPSIS

An accomplished professional with 3 years and 10 months of progressive experience driving enterprise-scale data engineering, cloud transformation, and integration initiatives across Azure and GCP ecosystems. Recognised for leading high-impact programs involving ETL/ELT modernisation, real-time CDC frameworks, and scalable analytics solutions supporting **15TB+ business-critical data environments**. Demonstrates strong leadership in architecting robust pipelines using BigQuery, Dataflow, Azure Data Factory, Synapse, Fabric, and .NET integration services, including Function Apps and Web APIs. Proven success in accelerating delivery through AI-assisted engineering practices, generating **80% productivity gains** while improving quality and speed. Delivered multiple innovation programs, POCs, and operational excellence initiatives exceeding business targets and strengthening stakeholder confidence. Combines strategic thinking, hands-on technical depth, team collaboration, and stakeholder engagement to deliver measurable outcomes. Adept at mentoring teams, solving complex data challenges, optimising platform performance, and aligning technology solutions with business growth objectives in fast-paced enterprise environments.

## CORE COMPETENCIES

- Strategic Data Leadership
- Cloud Transformation
- Solution Architecture
- Cross-Functional Collaboration
- Delivery Governance
- Agile Program Execution
- Problem Resolution
- Innovation Management
- Performance Tuning
- Executive Communication

## AREAS OF EXPERTISE

- Cloud Data Architecture** – Designing scalable enterprise platforms across Azure and GCP ecosystems.
- ETL / ELT Leadership** – Delivering resilient pipelines for high-volume business-critical datasets efficiently.
- Real-Time CDC Solutions** – Building synchronisation frameworks enabling faster operational decision making.
- Data Warehouse Engineering** – Optimising analytical environments using BigQuery and Synapse technologies.
- Enterprise Integration Delivery** – Connecting systems through APIs, Function Apps, and automation.
- AI Productivity Enablement** – Leveraging intelligent workflows to accelerate engineering execution significantly.
- Performance Optimisation** – Improving speed, reliability, and cost efficiency across platforms.
- Stakeholder Management** – Translating business priorities into scalable technical solutions effectively.
- Operational Excellence Programs** – Driving governance, improvements, quality controls, and delivery consistency.
- Team Leadership & Mentoring** – Guiding teams toward ownership, growth, and high performance.

## PROFESSIONAL EXPERIENCE

### ASHLEY GLOBAL CAPABILITY CENTER, CHENNAI, INDIA DATA ENGINEER | DEC 2024 – PRESENT

#### Key Responsibilities & Achievements:

- Spearheaded end-to-end enterprise data platforms on GCP using BigQuery, Cloud Functions, and Dataflow for datasets exceeding 15TB+.
- Directed ETL/ELT modernisation initiatives, improving scalability, reliability, and delivery speed.
- Engineered CDC frameworks enabling near real-time synchronisation across multiple business systems.
- Led enterprise integrations using .NET Function Apps and Web APIs across heterogeneous environments.
- Introduced AI-assisted engineering workflows, delivering 80% productivity improvement across development cycles.
- Successfully delivered 11 POCs and 14 innovation initiatives, surpassing business targets significantly.
- Partnered with stakeholders to translate business needs into scalable cloud solutions.

### ASHVAD TECH PRIVATE LIMITED (FORMERLY ASHTBIT TECHNOLOGIES), LUCKNOW, INDIA DATA ENGINEER | JUL 2023 – DEC 2024

#### Key Responsibilities & Achievements:

- Built and managed scalable ETL pipelines using **Azure Data Factory** and **Synapse Analytics**.
- Delivered .NET Web API solutions supporting enterprise data integration programs.
- Implemented **Hangfire** scheduling frameworks to automate ETL orchestration and reduce manual dependency.
- Enhanced Power BI dashboards, improving reporting accuracy and executive visibility.
- Led migration to **entra-only authentication**, strengthening database access security and governance.
- Improved operational stability through proactive issue resolution and process enhancements.

PROVANA, BENGALURU, INDIA  
DATA ENGINEER | JUL 2022 – JUL 2023

**Key Responsibilities & Achievements:**

- Developed automated ETL pipelines using ADF and Synapse to streamline business operations.
- Configured Logic Apps alerts for ETL failures, anomaly detection, and proactive response management.
- Designed reusable ETL onboarding frameworks for rapid client implementation.
- Utilised **KQL** for log analytics and integrated insights into Power BI reporting.
- Improved operational efficiency through automation, standardisation, and scalable frameworks.

**KEY ACHIEVEMENTS**

- Delivered **80% productivity increase** through AI-enabled engineering practices.
- Exceeded targets with **11 POCs** and **14 innovation initiatives**.
- Supported **15TB+ enterprise-scale data environments** successfully.
- Implemented **22 operational improvements** with **90%+ stakeholder satisfaction**.
- Recognised for consistent ownership, innovation, and delivery excellence.

**AWARDS & RECOGNITION**

- Dirty Fingernail Award (2025)
- Above and Beyond Award of the Quarter (Q4 2025)

**SOFT SKILLS**

- Leadership
- Communication
- Team Management
- Stakeholder Handling
- Problem Solving
- Decision Making

**TECHNICAL SKILLS**

- **Cloud Platforms:** Microsoft Azure, Google Cloud Platform (GCP)
- **Data Integration Tools:** Azure Data Factory (ADF), Azure Synapse Analytics, Microsoft Fabric
- **GCP Data Services:** BigQuery, Cloud Dataflow, Cloud Functions
- **ETL / ELT Technologies:** Data Pipelines, Workflow Automation, Data Migration
- **Programming Languages:** SQL, Python, C#, PySpark
- **Application Development:** .NET Framework, .NET Core, REST API, Web API
- **Automation Tools:** Hangfire, Azure Function Apps, Logic Apps
- **Databases:** SQL Server, Relational Databases, Cloud Data Warehouses
- **Reporting & Analytics:** Power BI, Kusto Query Language (KQL)
- **Version Control:** Git, GitHub
- **Methodologies:** Agile, Scrum, SDLC
- **Emerging Skills:** AI-Assisted Development, Prompt Engineering, Process Automation
- **Performance Management:** Monitoring, Alerting, Optimisation, Troubleshooting

**EDUCATION | CERTIFICATIONS**

- **Karunya Institute of Technology and Sciences** || Bachelor's Degree in Computer Science | Jul 2014 – Jun 2018
- **Delhi Public School, Bangalore South** || High School | 2007 – 2014

**Certifications**

- Microsoft Certified: Azure Data Scientist Associate (*Recertified Nov 2025 | Valid till Nov 2026*)
- DeepLearning.AI TensorFlow Developer Specialisation

**PERSONAL DETAILS**

- **Languages:** English, Tamil & Hindi
- **Location:** Chennai, Tamil Nadu, India