Linga Prabhu S

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PROFESSIONAL SUMMARY

.NET Developer with 4.5+ years of experience building scalable APIs and cloud-native systems using .NET Core and Azure. Experienced in event-driven architectures and telemetry pipelines with Azure Functions, Event Hub, Redis, Cosmos DB, and SQL CDC, including JavaScript/Node.js services on Kubernetes. Strong in CI/CD automation, real-time processing, and secure cloud infrastructure using Azure Key Vault

EDUCATION

Bachelor of Technology - Information Technology   *CGPA: 7.6*
Anna University, India *(Agni College of Technology.)*   *August (2016) - June (2020)*
Capstone: *"A Unified Approach for Detecting Traffic Accident Severity Using Machine Learning."*

WORK EXPERIENCE

Senior Associate Consultant   *July (2025) - Present*

Infosys   *Chennai, India*

- Collaborated with the architecture team to redesign vehicle IoT data flow, replacing legacy SAJ to-Cosmos architecture with an Event Hub–Druid–PostgreSQL-based solution.
- Spearheaded the migration from Cosmos DB to Imply Druid and PostgreSQL, reducing operational costs and improving data read performance by 30–40%.
- Built Azure Function Apps triggered by Event Hub to process and segregate incoming IoT data streams for downstream analytics.
- Designed and implemented Druid-based database schema that listens to Event Hub topics, enabling real-time ingestion and optimized querying.
- Developed backend logic and web app components to retrieve and display Druid DB data in frontend UI grids with high responsiveness.
- Enabled PostgreSQL as an alternative storage system for processed vehicle data to support reporting and compliance use cases.
- Built a CDC-driven event pipeline with SQL CDC, Event Hub, Redis, and Druid, cutting data latency by ~60% and maintaining near real-time consistency; implemented in JavaScript and deployed on Kubernetes with YAML configuration and logging.

Associate Consultant   *July (2024) - July (2025)*

Infosys   *Chennai, India*

- Reduced API latency by 20% and improved system efficiency by 30% through API and SP optimization.
- Boosted API throughput by 60% by re-structuring region-specific stored procedures, cutting logic overhead.
- Led the architecture of Azure Function Apps (HTTP, Timer, Event Hub, and Service Bus) for real-time telemetry ingestion (\~50,000+ messages/day).
- Increased processing speed by 40% for vehicle data using Redis-backed caching and workload segregation.
- Applied secure secret handling using Azure Key Vault across environments.
- Managed large file ingestion via Blob Storage, reducing manual handling by 80%.
- Implemented JavaScript Event Hub triggered Functions for event stream parsing with <150ms execution.
- Integrated CI/CD pipelines using Azure DevOps, cutting deployment time by 70%.
- Mentored junior developers in backend design and code review processes.
- Collaborated with 3+ cross-functional teams in Agile sprints to deploy features bi-weekly.

Associate Business Analyst   *November (2022) - July (2024)*

Infosys   *Chennai, India*

- Created and deployed WebSocket-enabled APIs in .NET Core for real-time IoT messaging.
- Improved telemetry storage throughput by 45% via Cosmos DB optimization techniques.
- Implemented function-based IoT workflows, reducing maintenance resolution times by 40%.
- Led migration of vehicle data ingestion to an event-driven model, boosting reliability by 35%.

Junior Software Engineer   *July (2020) – November (2022)*

First Source   *Chennai,*
India

- Developed WPF/Windows Forms apps and backend APIs for high-volume reporting systems.
- Reduced report generation time by 30% through SP refactoring and pagination logic.
- Implemented Azure Blob Storage for dynamic document storage supporting 100+ daily uploads.

PROJECTS

Raymond – Vehicle Telemetry Platform   *Present*
- Enabled processing of 10,000+ events/day using Azure Function Apps and Redis Cache.
- Implemented WebSocket dashboards delivering insights with <1s latency.
- Reorganized and indexed stored procedures to support 3x faster data retrieval.

Image Pre-Processor - WPF Desktop Tool   *March (2021)*
- Automated conversion of 100+ daily scanned documents using Atalasoft TIFF/PDF libraries.

Vendor Security Enhancement (Customer Portal) ASP.NET.   *November (2020)*
- Cut user onboarding time by 50% and improved image API latency by 30%.

Madras Bugle – personal Blog
- Engineered a modular blog with .NET Core, full admin control, and SQL-backed publishing system.

SKILLS

Languages: C#, Python, JavaScript (basic)
Frameworks: .NET Core, ASP.NET, Django, Node.js, React
Cloud Services: Azure Function, Event Hub, Service Bus, Blob Storage, Key Vault
Databases: SQL Server, Cosmos DB, DRUID DB, PostgreSQL (basic)
Tools & Concepts: Redis Cache, CI/CD, Azure DevOps, Git, MVC, MVVM, Agile, WebSocket.

CERTIFICATIONS

- Microsoft Certified: Azure Developer Associate (AZ-204) – In Progress

AWARDS & ACHIEVEMENTS - Infosys

- Rock Star (Aug), Tower of The Team (Jun), Busy Bee (Jun), Super Hero (Jan) - 2025
- Rising Start (Nov) – 2024

LANGUAGES

- Tamil (Native), English (Professional), Malayalam (Bilingual).