

Parthiban Kaliyappan

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[LinkedIn](#) | [Github](#) | [stackoverflow](#)

Professional Summary

Highly skilled **Technical Lead** with **10+ years** of experience developing **high-performance web applications** using modern technologies like **C#, .NET Core, Azure, SQL Server, PostgreSQL, Oracle, Typescript and Angular**. Adept at implementing **TDD, SOLID principles**, and **microservices** for scalable and maintainable software. Proven expertise in designing Azure serverless architecture, optimizing processes, and mentoring development teams. A continuous learner with a strong focus on delivering innovative, reliable, and cost-effective solutions.

Professional Experience

Technical Lead

Société Générale Global Solution Center, Bangalore | Nov 2021 – Present

- **Optimized batch scheduling** through the RiskOne Elasticity Batch Auto-Scheduling Web App using C#, .NET6, EF Core, CQRS, Oracle, Typescript, Angular.
- Resolved *RiskOne HedAcc Monthly Process batch* **performance** issue that improving server utilization and reducing runtime from **14 hours to 30 minutes**.
- Automated batch processing workflows, achieving SLA compliance and faster accounting closures.
- Resolved critical **vulnerabilities and non-compliance** issues for RiskOne assets (Windows and Linux) under tight deadlines.
- Integrated tools like **SonarQube, Kibana, and Grafana** for monitoring and improving software reliability.
- Mentored **2-4 developers**, enhancing team performance and code quality.
- Managed **SG cloud resources**, including VMs, PostgreSQL setups, and server upgrades.
- Collaborated with global stakeholders to align technical solutions with business goals.

Technologies: C#, .NET Core, .NET Framework, Entity Framework Core, Redis, NUnit, Typescript, Angular, WCF, WPF, SQL, Cube, Oracle, PostgreSQL, Jenkins, Git, Gerrit, SAFe and SG cloud

Technical Lead

EPICA Studio Pvt Ltd, Trivandrum | May 2020 – Oct 2021

- Led a team of **6-8 developers** to design and develop **Effism NexGen**, a SaaS platform for employee efficiency tracking.
- Architected **microservices** using **CQRS** and implemented SSO with **IdentityServer4**.
- Integrated **RabbitMQ** and **SignalR** for real-time data processing and automated CI/CD pipelines using **Azure DevOps**.
- Containerized applications using Docker, improving deployment efficiency.

Technologies: C#, .NET5, Entity Framework Core, xUnit, Typescript, Angular, Azure PostgreSQL, Azure DevOps, Azure WebApp, Azure Blob Storage, Azure Container Registry, Azure Container Instance, RabbitMQ, Git, Scrum

Senior Software Engineer

Wall Street English (Pearson), Chennai | Oct 2016 – May 2020

- Transitioned a **monolithic application** to **microservices architecture** using .NET Core, CQRS, and EF Core.
- Developed an OpenID Connect-based authentication system for secure user access.
- Migrated legacy systems to **Azure SQL**, reducing operational costs and improving scalability.
- Created reusable libraries for **Azure Service Bus** and **Redis Cache**.

Technologies: C#, .NET Core, Entity Framework Core, xUnit, Redis, AngularJS, Azure SQL, Azure WebApp, Azure Blob Storage, Git, SAFe

Associate

Jeevan Technologies, Chennai | Apr 2015 – Oct 2016

- Designed APIs and dynamic UIs for **TaxGarden**, an online US tax (1040 EZ) filing platform.

Technologies: C#, ASP.NET Web API, Entity Framework, NUnit, AngularJS, SSRS, TFS, Git, Scrum

Programmer

Unichem Consultants Pvt. Ltd., Chennai | Aug 2013 – Apr 2015

- Developed a dynamic pricing tool for **Kone Elevators** with custom UI components and optimized stored procedures.

Technologies: C#, ASP.NET, SQL, JavaScript, Ajax, Git, Crystal Report, SSRS

Certifications

- Microsoft Certified: Azure Administrator (AZ-104) By Simplilearn

Education

Master of Science in Information Technology

Madurai Kamaraj University, Tamil Nadu, India | 2012

Key Achievements

- Awarded “**Best Performer of the Quarter**” for outstanding contributions to contract management project delivery.
- Delivered **SG Marketplace for Experts**, a Single Page Application (SPA) with **.NET 8 REST API** backend and **PostgreSQL** database during GBTO Hackathon, achieving rapid development under tight deadlines.
- Created reusable libraries for Azure Service Bus and successfully **containerized .NET Core applications**.

Technical Skills

Programming: C#, .NET Core, .NET Framework, WCF, WPF, Entity Framework Core, TDD, CQRS

Frontend: Angular, AngularJS, Typescript, JavaScript

Databases: SQL Server, PostgreSQL, Oracle, Azure SQL

Cloud: Azure Web Apps, Azure Functions, Azure Blob Storage, Azure DevOps, Azure Service Bus, Azure Container Registry, Azure ACI, Azure API Management, Azure Application Insights

Message brokers: Azure Service Bus and RabbitMQ

Cashe: Azure Cache for Redis

Tools & CI/CD: Docker, Jenkins, Git, Gerrit, SonarQube, Kibana, Grafana

Architecture: Microservices, Serverless Architecture

Methodologies: SAFe, Scrum, Agile

Languages

- English (Professional Proficiency)
- Tamil, Malayalam