Jeevan Wijerathna

Jeevan90wijerathna@gmail.com | +64 22 67 33 146 | iamjeevan.com | Auckland, New Zealand

Principal-level Software Engineering Leader with 10+ years building scalable, cloud-native solutions. Expert in C#/.NET, Blazor, and modern architecture patterns. Proven track record of mentoring teams, driving architectural decisions with business impact, and leading cross-functional initiatives. Passionate problem solver who takes ownership from idea to production.

PROFESSIONAL EXPERIENCE

**Technical Lead / Principal Developer** 2023 - Present

Datacom, New Zealand

• Led architectural decisions for critical business applications serving 100,000+ users, balancing long-term scalability with short-term business value

• Mentored cross-functional team of 8 engineers across all levels, fostering culture of continuous learning and technical excellence

• Drove cross-team collaboration between architects, product teams, and business stakeholders to align design and execution

• Championed DevOps best practices including automated testing, CI/CD pipelines, and infrastructure as code

• Applied pragmatic problem-solving approach to modernize legacy applications while maintaining business continuity

• Led technical decision-making for microservices architecture migration, improving system scalability by 300%

**Key Projects:**

**Fonterra Enterprise Inventory System:** Led full-stack development of mission-critical inventory management system for New Zealand's largest dairy company

*Technologies:* .NET Core, Entity Framework, Blazor, Azure SQL, Oracle Apex, PL/SQL

• Architected scalable solution handling 1M+ inventory transactions daily

• Introduced software engineering best practices reducing deployment risks by 90%

• Mentored junior developers on clean architecture and domain-driven design principles

**PGDB Digital Platform:** Designed and delivered cloud-native portal for managing professional licenses and certifications across New Zealand

*Technologies:* .NET Core, C#, Web API, Entity Framework, Blazor, React, Redux, Azure Container Apps, Identity Server

• Implemented end-to-end observability and proactive monitoring ensuring 99.9% uptime

• Led architectural decisions for OAuth 2.0/OpenID Connect integration with legacy systems

• Delivered scalable API design supporting both modern and legacy system integrations

**Southern Cross Digital Transformation:** Spearheaded modernization of business-critical applications using cloud-native microservices architecture

*Technologies:* .NET Core, Web API, React, Redux, Azure, Kubernetes, Angular, Sitecore

• Led cross-cutting initiative to migrate monolithic applications to microservices

• Established DevOps automation reducing deployment time from hours to minutes

• Drove root cause analysis and resolution for P1/P2 production issues

**Senior Software Engineer / Technical Mentor** 2020 - 2022

Kinesso, Malaysia

• Designed and implemented cloud-native applications using microservices architecture and modern DevOps practices

• Led technical mentorship program for junior and mid-level developers, focusing on architecture patterns and best practices

• Drove adoption of GRPC for inter-service communication and implemented database performance optimization strategies

• Championed automated deployment pipelines using Jenkins and introduced infrastructure as code practices

• Collaborated across teams to integrate diverse data sources (Snowflake, Redshift, Athena) for analytics platforms

• Implemented comprehensive monitoring and observability using DataDog for production systems

**Key Projects:**

**Magnifiq Analytics Platform:** Built enterprise business intelligence platform with custom ETL capabilities and real-time reporting

*Technologies:* .NET Core, GRPC, Entity Framework, SQL Server, AWS, Docker, Kubernetes, Jenkins, Snowflake

• Architected microservices solution processing 10M+ data points daily

• Implemented database versioning with Flyway reducing deployment conflicts by 95%

• Led automation initiative eliminating manual deployment processes

**Apollo ETL Orchestration Platform:** Designed modern ETL platform using Dagster with comprehensive monitoring and alerting dashboard

*Technologies:* .NET Core, Web API, Dagster, Python, AWS, Angular, TypeScript

• Migrated legacy ETL processes to cloud-native platform improving performance by 400%

• Implemented reactive programming patterns for real-time data processing

• Established monitoring and alerting reducing data processing failures by 80%

**Software Engineer / Architecture Contributor** 2017 - 2022

Sitecore, Malaysia

• Contributed to Sitecore platform architecture enhancing CMS functionality with Azure Storage and CDN integration

• Implemented full-stack solutions using .NET Web API, C#, Angular, and TypeScript

• Established CI/CD pipelines using PowerShell and TeamCity for automated deployments

• Participated in cross-functional R&D initiatives and sprint planning activities

• Mentored team members on modern development practices and architectural patterns

**Software Engineer** 2015 - 2017

CMS Pvt Ltd, Colombo, Sri Lanka

• Developed and maintained scalable e-commerce solutions for European markets using modern web technologies

• Led modernization of legacy systems implementing responsive front-end designs and RESTful APIs

• Optimized database performance and implemented caching strategies improving response times by 60%

• Collaborated with cross-functional teams to deliver high-quality software solutions

**Software Engineer** February 2013 - December 2014

Bileeta Pvt Ltd, Sri Lanka

• Contributed to award-winning cloud ERP solution development using modern software engineering practices

• Designed and implemented backend services with real-time capabilities and event-driven architecture

• Optimized database performance through stored procedures and query optimization techniques

• Participated in agile development processes and cross-team collaboration initiatives

TECHNICAL SKILLS

**Primary Technologies:** C#, .NET Core, .NET, Blazor, Entity Framework, TypeScript, ASP.NET

**Secondary Languages:** PHP, Kotlin, C++, JavaScript, Python, Angular, React, Vue

**Cloud & Architecture:** Azure, AWS, Microservices, Cloud-Native Design, Kubernetes, Docker, Azure Container Apps

**DevOps & Infrastructure:** Azure DevOps, CI/CD, Jenkins, TeamCity, Infrastructure as Code, Terraform, Docker

**Databases & Storage:** SQL Server, PostgreSQL, Cosmos DB, Oracle, Azure Storage

**Architecture & Patterns:** Domain-Driven Design, Clean Architecture, SOLID Principles, Microservices, OAuth 2.0, OpenID Connect

**Testing & Quality:** XUnit, SpecFlow, TDD, Automated Testing, Code Quality, Secure Development

EDUCATION

**Bachelor of Science in Management Information Systems** 2014

National School of Business Management, Sri Lanka

CERTIFICATIONS

• AWS Certified Solution Architect Associate

• AWS Certified Developer

• Azure Certified Developer

• Sitecore 9 Certified Developer

• SAFe 4.0 Practitioner

PERSONAL PROJECTS

**Resume Pro** (resumepro.iamjeevan.com)

Built ATS-friendly resume generator using modern full-stack technologies. Implemented clean architecture patterns with real-time preview and multiple output formats.

*Technologies:* TypeScript, Next.js, React, Tailwind CSS, Clean Architecture

**NZ Salary Calculator** (nzsalarycalculator.iamjeevan.com)

Created comprehensive salary calculator for New Zealand market. Applied domain-driven design principles and implemented complex business logic for tax calculations.

*Technologies:* React, TypeScript, Tailwind CSS, Domain-Driven Design

**Vanish Notes** (vanishnotes.iamjeevan.com)

Developed secure note sharing application with end-to-end encryption. Implemented security best practices and automated deployment pipeline.

*Technologies:* Next.js, Node.js, MongoDB, Crypto.js, Security Patterns

**Flash Card Fest** (flash-card-fest.netlify.app)

Designed AI-powered study platform with OpenAI integration. Applied reactive programming patterns and implemented automated testing practices.

*Technologies:* React, OpenAI API, Node.js, Express, Automated Testing