Jeevan Wijerathna

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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