

Jeevan Wijerathna

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AWS, Azure, and Sitecore Certified Developer with over 10 years of experience in software development. Skilled in .NET technologies, cloud-native architectures, and backend development. Passionate about delivering scalable, maintainable solutions while adhering to best practices like Domain-Driven Design, Clean Code, and Test-Driven Development.

PROFESSIONAL EXPERIENCE

Technical Lead

2023 - Present

Datacom, New Zealand

- Designed and reviewed new features with architects and team members for critical business applications
- Implemented scalable backend solutions using .NET, C#, and Azure technologies
- Enhanced application performance and optimized Azure costs by identifying and addressing bottlenecks
- Led backlog grooming, prioritization, and technical discussions with business users
- Modernized legacy applications by transitioning to cloud-native, decoupled architectures

Key Projects:

Fonterra Inventory Management System: Trace It is an inventory management system for Fonterra, New Zealand's largest dairy company

Technologies: Oracle Apex, PL/SQL

- Implemented a new feature to track samples inventory
- Introduced software engineering best practices to avoid/minimize deployment risks

PGDB Application Portal: Developed a portal for managing licenses and certifications for NZ practitioners

Technologies: .NET, C#, WEB-API, Identity Server, React, Redux, Azure

- Implemented proactive application monitoring to ensure business continuity
- Delivered scalable architectural solutions for critical business functions

Southern Cross Applications: Supported and modernized various business-critical applications

Technologies: .NET, C#, WEB-API, React, Redux, Azure, Angular, Sitecore

- Ensured business continuity by resolving P1/P2 issues promptly
- Migrated legacy applications to microservices architecture

Senior Software Engineer

2020 - 2022

Kinesso, Malaysia

- Designed and implemented modernized legacy applications using microservices architecture
- Developed GRPC services for inter-process communication and optimized database performance
- Automated deployments using Jenkins and introduced DevOps practices
- Integrated various data sources like Snowflake, Redshift, and Athena for analytics tools
- Monitored application performance using DataDog and implemented CI/CD pipelines

Key Projects:

Magnifiq: Developed a business intelligence analytics tool with custom ETL and reporting capabilities

Technologies: .NET, GRPC, SQL Server, AWS, Docker, Jenkins, Snowflake

- Streamlined database development with Flyway for version control
- Reduced manual deployment efforts by automating processes

Apollo ETL Platform: Built an ETL orchestration platform using Dagster and developed a dashboard UI

Technologies: .NET, Web-API, Dagster, Python, AWS, Angular

- Migrated legacy ETL processes to a modern platform
- Improved ETL performance and scalability

Software Engineer

2017 - 2022

Sitecore, Malaysia

- Developed Sitecore platform modules to enhance CMS functionality with Azure Storage and CDN support
- Implemented backend services using WEB-API and C#, and developed front-end applications using Angular
- Set up CI pipelines and automated deployments using PowerShell and TeamCity
- Participated in R&D, sprint planning, and cross-functional team collaboration

Software Engineer

2015 - 2017

CMS Pvt Ltd, Colombo, Sri Lanka

- Developed and maintained scalable e-commerce solutions for European markets
- Modernized legacy systems and implemented responsive front-end designs
- Optimized database performance and implemented caching mechanisms

Software Engineer

February 2013 - December 2014

Bileeta Pvt Ltd, Sri Lanka

- Contributed to the development of an award-winning cloud ERP solution
- Designed and implemented backend services and real-time features
- Optimized database performance and implemented stored procedures

TECHNICAL SKILLS

Languages & Frameworks: C#, .NET Core, ASP.NET, React, Angular, JavaScript, TypeScript

Cloud & Infrastructure: Azure, AWS, Docker, Kubernetes, Microservices

DevOps & CI/CD: Azure DevOps, GitHub Actions, Jenkins, TeamCity

Databases & Storage: SQL Server, PostgreSQL, Oracle, Azure Storage

Testing & Quality: XUnit, SpecFlow, Pester, TDD, Clean Code

Architecture & Design: Domain-Driven Design, Clean Architecture, SOLID Principles

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 (resume-pro.iamjeevan.com)

Built an ATS-friendly resume generator using Next.js, React, and Tailwind CSS. Implemented modern UI with real-time preview and multiple templates.

Technologies: TypeScript, Next.js, React, Tailwind CSS

Vanish Notes (vanishnotes.iamjeevan.com)

Developed a self-destructive note sharing application. Implemented end-to-end encryption and auto-deletion features.

Technologies: Next.js, Node.js, MongoDB, Crypto.js

NZ Salary Calculator (nz-salary-calculator.iamjeevan.com)

Created a comprehensive salary calculator for New Zealand employees. Includes tax calculations, KiwiSaver, and other deductions.

Technologies: React, TypeScript, Tailwind CSS

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

Designed an AI-powered study flash card generator. Integrated with OpenAI API for automated content generation.

Technologies: React, OpenAI API, Node.js, Express