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** (resumepro.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** (nzsalarycalculator.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