Vinh Ngo

Portfolio | LinkedIn | GitHub

Melbourne, Victoria, Australia

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SUMMARY

Software Engineer with **5+ years** of experience building full-stack web applications and cloud-native microservices. Currently designing and delivering **.NET microservices on Azure** for Australian legal technology, with end-to-end ownership across API design, database engineering, infrastructure, and CI/CD. Proficient in **C#, TypeScript, React, Angular**, and modern cloud platforms.

EXPERIENCE

Mid-Level Software Engineer   Jul 2025 – Present
Lextech   *Hybrid – Melbourne, Australia*

- Architected and delivered two greenfield **.NET 10 microservices** (SettlementService, PropertyService) end-to-end using Clean Architecture, **Wolverine CQRS**, Dapper, and contract-first API design with **OpenAPI/NSwag**.
- Built a Title Insurance integration with FirstTitle's external API, handling document management, multi-property/multi-owner workflows, and **Azure Blob Storage**.
- Implemented real-time UI updates using **SignalR**, integrating DocuSign webhook events with frontend notifications across multiple services.
- Designed **PostgreSQL** and **SQL Server** schemas, stored procedures, and migration pipelines to support multi-service data access patterns.
- Provisioned Azure infrastructure with **Helm** and **Terraform**, set up **Grafana** observability dashboards, and maintained **GitHub Actions** CI/CD pipelines.
- Delivered **LIXI DAS 2.2.92** compliance for settlement data exchange, aligning entities and enums with the Australian lending industry standard.

Software Developer   Feb 2021 – Jun 2025
Brand Services Australia   *Hybrid – Melbourne, Australia*

- Optimized the Waivenet e-commerce platform, improving performance by **20%** across **C# .NET, ASP.NET**, and **AngularJS**.
- Led the rebuild of Waivenet's next-generation platform using **React/TypeScript, .NET 8**, and **GraphQL**, improving scalability and maintainability.
- Integrated **OneFlo and eWay APIs** for shipping fee estimation and payment processing, reducing manual order handling.
- Collaborated with data engineers to optimize system reports, reducing warehousing costs and improving inventory management accuracy.
- Migrated the platform from on-premise to **Azure Cloud VM**, then to **Azure App Service**, improving availability and reducing infrastructure overhead.
- Optimized **CI/CD pipelines** with Azure DevOps, reducing deployment time and increasing release frequency.

Full Stack Developer – Volunteer   Jan 2020 – Aug 2024
Project Cocoon   *Remote – Ho Chi Minh City, Vietnam*

- Designed a microservices backend with **Node.js, TypeScript**, and **PostgreSQL**, and built frontend components in **React** with Storybook.
- Diagnosed and resolved critical production issues across backend and frontend, improving system reliability for end users.
- Automated deployments with **GitHub Actions** and **Docker**, reducing manual effort and deployment errors.

AI Model Trainer   Feb 2024 – Present
Outlier AI   *Remote*

- Evaluated and refined AI model outputs for coding tasks, improving response accuracy and identifying logic errors across multiple programming languages.

IT Manager   Feb 2019 – Jul 2021
Gong Cha Royal Tea Melbourne   *Melbourne, Australia*

- Managed POS systems and network infrastructure across multiple store locations, providing remote support and minimizing downtime.

Software Developer Intern   Oct 2017 – Feb 2018
DEK Technology Vietnam   *Ho Chi Minh City, Vietnam*

- Developed an internal booking application using **C++, PHP, and JavaScript**, and set up CI/CD with **Jenkins** and code quality checks with **SonarQube**.

TECHNICAL SKILLS

Languages	:	C#, TypeScript, JavaScript, SQL, Java, C++
Backend	:	.NET 10, .NET 8, ASP.NET, Node.js, Wolverine CQRS, Dapper, Entity Framework, GraphQL
Frontend	:	React, Angular, Next.js
Databases	:	PostgreSQL, SQL Server, MongoDB
Cloud/Infra	:	Azure (App Service, APIM, Blob Storage), Docker, Helm, Terraform, GitHub Actions, Azure DevOps
Testing	:	xUnit, Moq, FluentValidation, Cypress, Jest
Other	:	OpenAPI/NSwag, SignalR, Grafana, LIXI DAS, Mapster

EDUCATION

RMIT University   Melbourne, Victoria, Australia
Bachelor of Software Engineering   *Feb 2018 – Dec 2022*