
VIET ANH TRAN

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Software Engineer

Summary

A **passionate software engineer** who is inspired by challenges and always strives to create the best craft. Experienced in a wide range of projects from front-end (React & Angular) to back-end (.NET Core/Framework & NodeJs) and always keen to explore the Ops world. Clean code is always at the forefront of what I value as a software engineer as well as being able to deliver value to end users and the business.

Work experience

- | | |
|---------------------|--|
| Dec 2020 - Present | <p>Software Engineer - Senior Software Engineer</p> <p><i>Serko</i></p> <p>Worked on Zeno's ground-transport domain (a corporate travel application) and provided this services to customers globally</p> <ul style="list-style-type: none">• Promoted to Senior Software Engineer• Led an initiative to improve code quality and reduce possible bugs across Serko web applications. This resulted in reduced errors by 1000• Created the foundation for analytic capability• Upskilled and shared knowledge with other engineers in areas such as front-end, infrastructure, and testing• Worked on and maintained web applications and services using different technologies such as React, .NET Framework/Core Web API, SQL Server, Azure App Service, Azure DevOps pipeline, and Terraform |
| Apr 2019 - Dec 2020 | <p>Software Engineer</p> <p><i>Stuff</i></p> <p>Worked on one of the most visited sites in New Zealand</p> <ul style="list-style-type: none">• Successfully migrated Stuff from its legacy system to a new platform that laid the foundation as the rendering engine• Built as a Progressive Web App to further enhance user experience• Developed experimentation capability to enable data-driven decision making• Participated in product design, solution designs, communications with stakeholders, and collaborated with other teams to deliver business values• Worked with different technologies such as Angular, ExpressJs, Jest, Docker, Google Cloud Platform, Google Kubernetes Engine, Redis, and Jenkins• Monitored and supported applications using tools such as Stackdriver for monitoring & logging, New Relic for application performance monitoring, Sentry for front-end logs, and PagerDuty for alerting |
| Oct 2018 - Mar 2019 | <p>Associate Developer</p> <p><i>MYOB</i></p> <p>Worked in a cross functional team on MYOB Practice Online with +20k users from +7k practices</p> <ul style="list-style-type: none">• Developed and supported a micro front-end framework and other SDK tools. This solution sped up the migration from the old Angular based application to React as well as boosted team autonomy and reduced dependencies between teams• Work consisted of front-end using React, back-end-for-front-end using ExpressJs and other developer tooling• Built and maintained CI/CD pipelines with Buildkite• Set up infrastructure on AWS using Terraform/Cloudformation as Infrastructure as Code |

- We also collaborated with other teams to deliver client-centric navigation to improve users' workflow. This piece of work involved a REST API and database to store user preferences

Aug 2017 - Sep 2018 Graduate Developer

MYOB

Joined MYOB Future Makers Academy

- Rotated between different teams and had a chance to work on a wide range of projects
- Learnt and applied development principles such as Four Rules of Simple Design, SOLID, and Test Driven Development
- Developed a HTTP Server from scratch without any supporting framework
- Worked with a wide range of technology such as React, AngularJs, ExpressJs, .NET Core, Docker
- Supported internship programme by providing mentorship
- Co-hosted workshops for students at University & MYOB Brown Bags

Nov 2016 - Aug 2017 IT Intern

MYOB

Joined MYOB through Summer of Tech Programme

- Developed an internal web application with the goal to further enhance employee experience using ASP .NET Web Forms
- Other tools such as PowerShell and Jenkins were utilised for automation
- Performed requirements gathering from different stakeholders such as HR, IT, and Payroll

Skills

Programming Languages, Frameworks and Tools

Typescript/Javascript

- React
- Express
- Selenium Webdriver
- Jest
- Angular
- Webpack
- Cypress
- React Testing Lib

C#

- .NET Framework/Core
- Entity Framework
- xUnit/NUnit & Moq
- Unity

Docker

CI/CD Tools with GitHub Actions, Buildkite, Azure DevOps, and Jenkins

Infrastructure as Code with Terraform/Cloudformation

Infrastructure

AWS

- Cloudfront
- Lambda
- Dynamo
- S3
- EC2
- AppSync
- ECS
- ECR
- Alexa

Azure

- App Service
- Key Vault

Google Cloud Platform

- Google Kubernetes Engine
- Stackdriver
- Cloud Scheduler
- GCR
- Redis

Databases:

- PostgreSQL
- AWS Dynamo DB
- SQL Server
- Redis

Development Principles

Clean Code

Four Rules of Simple Design

Test Driven Development

SOLID

Education

2013 - 2017

Bachelor of Commerce - Major in Information Systems and Accounting

The University of Auckland

References

Available on request