

# Anthony Hien Vu

Senior Full Stack Web Developer | Tech Lead

## Contact

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### Portfolio

<https://avu120.github.io/portfolio>

### GitHub

<https://github.com/AVu120>

### LinkedIn

<https://www.linkedin.com/in/anthony-hien-vu/>

## Skills

React



Redux



CSS/Modules/SASS/CSS-in-JS/CSS-in-HTML



Senior Full Stack Web Developer / Tech Lead. I have worked in DevOps (I have 2 AWS associate certifications & experience building CICD pipelines). I've also worked in QA (including writing automated end to end and API tests).

## Work History

2021-09 –  
now

### Senior Full Stack Web Developer | Tech Lead

*Checkbox, Sydney, NSW*

- Architected full-stack technical design for new features and user workflows.
- Trained/mentored junior engineers in React/front-end best practices (in areas like performance optimization and testing).
- Influenced future product feature roadmap.
- Implemented agile team processes to reduce process ambiguity and improve consistency of team output.
- Implemented Gitflow/version-control changes to improve productivity in continuous integration.
- Implemented automated end to end and API tests (in CypressJS) & added them to CICD pipeline.
- Implemented migration from JavaScript to TypeScript on the frontend.
- Implemented mass-adoption of unit/integration tests on the frontend with Jest, React Testing Library and Mock Service Worker.
- Designed long-term testing strategy.
- Created JIRA tickets for required work and delegated to team members.
- Built new React UI with Redux in the primary B2B application.
- Added many new and old UI components to the Storybook.js design system.
- Built new and modified existing Go (Golang) APIs.

2021-03 –  
2021-09

### Full Stack Web Developer

*oOh!media, Sydney, NSW*

React Component Testing

Excellent

Automated E2E & API Testing

Excellent

UI Design Systems (E.g.  
StorybookJS)

Excellent

Accessibility / WCAG

Excellent

Node/Express

Excellent

Building REST APIs

Excellent

AWS

Very Good

SQL Databases

Very Good

NoSQL Databases

Very Good

Web Sockets

Very Good

Figma (Design/Wireframe  
Prototyping)

Good

Building GraphQL APIs

Good

2018-08 -  
2021-02

- Built new features into internal React & Redux applications.
- Gave comprehensive React training to mid & senior-level engineers.
- Built evergreen internal UI design system using Storybook.js.
- Built new features in Node - Express.js/GraphQL servers.
- Built new features in python API servers.
- Made configuration changes in AWS services like SQS, Lambda and EC2.
- Made configuration changes to Concourse CICD pipelines.

## Full Stack Web Developer

*Telstra, Sydney, NSW*

- Performed full stack development of a Telstra enterprise web application with thousands of internal users utilizing the MERN (MongoDB, Express, React, Node) stack with redux. The primary feature of this application is a catalogue of charts displaying data from various sources. This app could allow users to query databases from within the application, automatically schedule user-written scripts against databases, and set up monitoring & alarms. The application uses a microservices architecture and is deployed on AWS.
- Troubleshooted operational issues in AWS core services such as CloudWatch, EC2, ECR and DocumentDB.
- Containerized many applications using Docker.
- Configured NGINX reverse-proxies to forward requests to various servers/micro-services-in-docker-containers.
- Wrote unit tests using Jest.js, Enzyme.js and React Testing Library.
- Set up CICD pipelines using Atlassian's Bamboo platform.
- Documented many APIs using Swagger/OpenAPI specification.

VueJS



Good

Angular



Good

## Languages

JavaScript



Excellent

TypeScript



Excellent

Python



Very Good

Go (Golang)



Very Good

Java



Good

PHP



Good

C++



Good

2017-02 -  
2018-05

**IT Consultant**  
*KPMG, Sydney, NSW*

## Education

2013-02 -  
2016-11

**Bachelor of Science: Engineering**  
*Sydney University - Sydney, NSW*

## Certifications

2021-07

**AWS Certified Solutions Architect - Associate**

2021-03

**AWS Certified Developer - Associate**

## Interests

- Improving developer experience (I'm quite proactive on updating documentation and innovating with new/improved team processes)
- Mentoring & Leadership
- Agile, scrum and lean methodologies
- System architecture
- Web app performance
- UX Design
- Accessibility
- DevOps/Cloud/Serverless
- AI/Machine-Learning
- Staying up to date with the latest technologies, trends, and best practices.

## Hobbies

- Cricket
- Tech Meetups
- Hiking/Running
- Ice Skating
- Reading
- Exploring new places