

# Anthony Hien Vu

Full Stack Web Developer

## Contact

### Address

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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

Excellent

Redux

Excellent

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

Excellent

React Testing

Excellent

Full stack web developer with a strong preference for the frontend. I also have experience in QA and DevOps (I have 2 AWS associate certifications). Wherever I work, I'm always striving to upskill everyone in my team and learn from them too. Mentoring others and working as a cohesive team is very important to me.

## Work History

2021-09 –  
now

### Senior Front End Developer

*Checkbox, Sydney, NSW*

- Built new React UI with Redux in the primary B2B application.
- Implemented migration from JavaScript to TypeScript on the frontend.
- Implemented mass-adoption of unit/integration tests on the frontend with Jest and React Testing Library.
- Trained/mentored junior engineers in React/frontend best practices (in areas like performance optimization and testing).
- Implemented agile team processes (e.g. estimating tasks with story points and creating a team Definition of Done) to reduce process ambiguity and improve consistency of team output.
- Influenced future product feature roadmap and technical architecture decisions.
- Made modifications to Go (Golang) APIs.

2021-03 -  
2021-09

### Full Stack Web Developer

*oOh!media, Sydney, NSW*

- 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. It is currently used by multiple stakeholders (e.g. designers, developers, product owners/managers, etc.) to standardize UI/UX across different web applications.
- Built new features in Node - Express.js/GraphQL servers.

Accessibility / WCAG



Web Sockets



Cypress E2E Testing



Storybook (UI Design Systems)



Figma (Design/Wireframe Prototyping)



Node/Express



AWS



Building REST APIs



Building GraphQL APIs



SQL Databases



NoSQL Databases



Angular



2018-08 -  
2021-02

- 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. I built new features into this application every day. Some examples include allowing the users to query databases from within the application, automatically schedule user-written scripts against databases, set up monitoring & alarms, and many more. 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.

## IT Consultant

*KPMG, Sydney, NSW*

- Implemented & configured Microsoft Dynamics 365 ERP (Enterprise Resource Planning) software for large multinational clients.
- Performed IT risk testing (audit).

# Languages

JavaScript  
Excellent

TypeScript  
Excellent

Python  
Very Good

Go  
Good

Java  
Good

C++  
Good

# 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

- Web App Performance
- Time and Space Complexity of Algorithms and Data Structures
- Frontend & Backend System Architecture
- UX Design
- Responsive Design
- DevOps/Cloud/Serverless
- Mentoring
- Leadership
- Sustainability
- AI/Machine-Learning
- Staying up to date with the latest technologies, trends, and best practices.

# Hobbies

- Ice Skating
- Cricket
- Hiking
- Running
- Reading
- Tech Meetups
- Traveling