

# Anthony Hien Vu

Full Stack Web Developer

## Contact

### Address

Wentworthville, NSW, 2145

### Phone

0452668725

### Email

avu120@gmail.com

### 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



React Testing



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.
- Added many new and old UI components to the Storybook.js design system.
- 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.
- Built new features in Node - Express.js/GraphQL servers.
- Built new features in python API 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

- 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).

2017-02 -  
2018-05

## 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