# Anthony Hien Vu

Senior Full Stack Web Developer | Tech Lead

# Contact

### **Address**

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#### **Email**

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### **Portfolio**

https://avu120.github.io/por folio

### **GitHub**

https://aithub.com/AVu120

### LinkedIn

https://www.linkedin.com/ir/anthony-hien-vu/

### **Skills**

React

Excellent

Redux

Excellent

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

Excellent

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/frontend 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 Automated E2E & API Testing UI Design Systems (E.g. Excellent Excellent 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

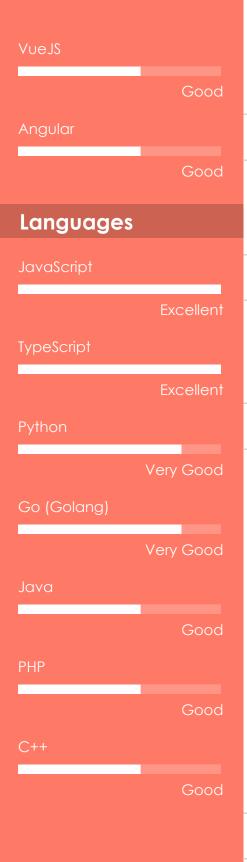
- Built new features into internal React & Redux applications.
- Gave comprehensive React training to mid & seniorlevel engineers.
- Built evergreen internal UI design system using Storybook.js.
- Built new features in Node Express.js/GraphQL servers.
- Built new features in python API servers.
- Made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

# 2018-08 - Full Stack Web Developer

Telstra, Sydney, NSW

2021-02

- 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-dockercontainers.
- 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.



## 2017-02 - IT Consultant

KPMG, Sydney, NSW

### **Education**

2018-05

2016-11

2013-02 - 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