

Anthony Hien Vu

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GitHub: <https://github.com/AVu120>

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

SKILLS & STRENGTHS

<ul style="list-style-type: none">● Good proficiency with production experience in MongoDB, Express, React and Node (MERN Stack).● Good proficiency in using React with Redux for central state management.● Good proficiency in back end development with JavaScript (Node).● Experience working with AWS core services (e.g. EC2, S3, ECR, DocumentDB).● Experience in full-stack development with Python/Django and Java/Spring Boot.● Good proficiency in the use of Docker Containers and the use of virtual machines.● Experience working with micro-services architecture.● Experience configuring NGINX configuration to forward requests to micro-services/servers.● Experience working with Google Firebase core services (e.g. web app authentication).● Good proficiency in documenting APIs using Swagger/OpenAPI specification.● Good proficiency in writing Python, Ansible, Shell and Bash Scripts to automate manual repetitive processes then scheduling them on a regular basis.● Experience in Jest.js and Enzyme for unit testing.● Experience in ROBOT framework for integration/functional/regression testing.● Good proficiency in the use of OracleSQL databases.	<ul style="list-style-type: none">● Good proficiency in the use of JIRA, Confluence, Bitbucket and GitHub/BitBucket.● Good proficiency in the use of Microsoft Teams.● Experience in setting up and maintaining Continuous Integration and Continuous Delivery (CICD) pipelines using Atlassian Bamboo.● Good proficiency in the use of Microsoft Office Suite (Word, Excel, PowerPoint & Project).● Working knowledge of agile cadence and methodology (Scrum and Kanban).
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EDUCATION & TRAINING

University of Sydney

Mar 2013 – Nov 2016

Bachelor of Mechanical Engineering (First Class Honours)

- Awarded degree on 5 January 2017.

WORK EXPERIENCE

Telstra, Melbourne

August 2018 - Now

Full-Stack Web Developer

- I am currently performing full-stack development of a Telstra enterprise web application with thousands of internal users utilizing the MERN stack with redux. The primary feature of this application is a user-browsable catalogue of charts displaying data that is regularly queried from their sources.
- I am also building new features into this web application every day, such as the ability to allow users to query databases from within the application, run user-written scripts and schedule them to query and validate data from desired databases, setting up automated data-monitoring & alarms, and many more. The application is using a microservices architecture to integrate many disparate web into a single one-stop shop which is being deployed on AWS.
- Go to <https://avu120.github.io/portfolio/#portfolio> then click on the Telstra logo to see an overview of most of the work I have done at Telstra.
- I use AWS core services such as EC2, ECR and DocumentDB to troubleshoot operational issues and maintain operation of the deployed application.
- I have containerized many applications using Docker.
- I have configured NGINX reverse-proxies to forward requests to various servers/micro-services-in-docker-containers.
- I write tests using Jest.js & Enzyme.js and use ROBOT for functional/integration/regression testing.
- I have set up and maintained CICD pipelines using Atlassian's Bamboo platform.
- I have documented many APIs using Swagger/OpenAPI specification.
- I have automated the deployment of network configuration and virtual network devices using ansible playbooks.
- I have automated traffic monitoring of Telstra's mobile networks through the creation and use of Tableau dashboards.

KPMG, Sydney

February 2017 – May 2018

Management Consultant (Advisory)

- Performed IT risk testing (audit) and consulted with clients to identify and mitigate IT and business risks.
- Facilitated the configuration and implementation of Microsoft Dynamics (AX) 365 ERP for clients to simplify and optimise their business lifecycle.
- Facilitated data migration for clients.
- Advised in the transfer of IT infrastructure during the sale of businesses between companies.