

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.	<ul style="list-style-type: none">• 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.• 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.