

# Anthony Hien Vu

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

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## SKILLS & STRENGTHS

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

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**Telstra, Sydney**

**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 apps 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 have written unit tests using Jest.js, Enzyme.js and React Testing Library.
- I have written integration tests using ROBOT test framework.
- 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.