

# Anthony Hien Vu

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

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

## OVERVIEW OF 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 Python, JavaScript (Node) and Java.</li><li>• Experience in full-stack development with Python/Django.</li><li>• Good proficiency in the use of Docker Containers and the use of virtual machines.</li><li>• Limited experience in AWS services.</li><li>• Limited experience in Google Firebase services.</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><li>• Experience in Jest.js and Enzyme 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></ul>	<ul style="list-style-type: none"><li>• Good proficiency in the use of JIRA, Confluence, Bitbucket and Github.</li><li>• Good proficiency in the use of Microsoft Teams.</li><li>• Experience in setting up 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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## EDUCATION & TRAINING

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**University of Sydney**

**Bachelor of Mechanical Engineering (First Class Honours)**

- Awarded degree on 5 January 2017.

**Mar 2013 – Nov 2016**

## WORK EXPERIENCE

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**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. My team and I are also building new features everyday, such as the ability to allow users to query databases from within the application, run user-written scripts and schedule them from within the application to query and validate data from desired databases, and many more. The application is also using a microservices architecture to integrate 6 disparate web apps (and more overtime) into a single one-stop shop which is being deployed on AWS.
- I have containerized many applications using Docker.
- I commonly write unit tests using Jest.js and use ROBOT for functional/integration/regression testing.
- I have set up many CICD pipelines using Atlassian's Bamboo platform.
- 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 life-cycle.
- Facilitated data migration for clients.
- Advised in the transfer of IT infrastructure during the sale of businesses between companies.

**Sydney Eye Clinic, Sydney**

**March 2016 – November 2016**

**Engineering Thesis Student**

- Surveyed over one hundred patients at eye clinics around Sydney for research on eye-drop administration habits and problems.
- Designed and manufactured a hand-held electronic device (including CAD, 3D-printing, electronic and physical assembly, programming) that delivers eye medication according to user requirements.

**Makinex, North Sydney**

**November 2015 – February 2016**

**Mechanical Engineering Intern**

- Conducted research on new construction machinery innovations and technologies.
- Carried out mechanical design (CAD) projects in SolidWorks specifically for new prototypes.
- Fabricated construction machinery and equipment by welding.
- Regularly carried out machine repair, assembly and disassembly.