Anthony Hien Vu

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OVERVIEW OF SKILLS & STRENGTHS

- Good proficiency with production experience in MongoDB, Express, React and Node (JavaScript).
- Good proficiency in back end development with Python, JavaScript (Node) and Java.
- Experience in front end development with Python/Django.
- Good proficiency in the use of Docker Containers and the use of virtual machines.
- Limited experience in AWS core services.
- 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.

- Good proficiency in the use of Atlassian JIRA, Confluence, Bitbucket/Git.
- Good proficiency in the use of Microsoft Teams.
- Experience in setting up Continuous Integration and Continuous Delivery (CICD) pipelines in 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).

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 at least 500 internal users utilizing the MERN stack. 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 through various welding techniques (primarily MIG and stick/arc-welding).
- Regularly carried out machine repair, assembly and disassembly.