

# Anthony Hien Vu

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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>• Experience with Next.js for server-side rendering and static-site generation.</li><li>• Experience in using TypeScript with JavaScript for static typing.</li><li>• Certified in working with AWS core services (with Developer – Associate Certification).</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 building RESTful APIs.</li><li>• Good proficiency in documenting APIs using Swagger/OpenAPI specification.</li></ul> | <ul style="list-style-type: none"><li>• Experience in building GraphQL APIs.</li><li>• Experience in Jest.js, Enzyme and React Testing Library for unit testing.</li><li>• Experience in SuperTest for API testing.</li><li>• Experience in Cypress.js &amp; ROBOT framework for integration/functional/regression/end-to-end testing.</li><li>• Good proficiency in the use of PostgreSQL &amp; Oracle relational databases.</li><li>• Good proficiency in the use of JIRA, Confluence, Bitbucket and GitHub/BitBucket.</li><li>• Experience in setting up and maintaining Continuous Integration and Continuous Delivery (CI/CD) pipelines using Atlassian Bamboo &amp; Concourse CI.</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>• Good proficiency in the use of Microsoft Teams.</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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**oOh!media, Sydney**

**March 2021 – Now**

**Full-Stack Web Developer**

- Fixed bugs and built new features into internal React & Redux application.
- Built new features into python API servers.
- Enhanced features in and maintained Node-Express.js & GraphQL servers.
- Personally took ownership of 2 AWS Lambdas.
- Built evergreen internal UI design system using Storybook.js. This is hosted on AWS S3 and is used by multiple stakeholders (e.g. designers, developers, product owners/managers, etc.) to standardize UI/UX across different internal web applications.

**Telstra, Sydney**

**August 2018 – February 2021**

**Full-Stack Web Developer**

- I performed 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 built 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 used 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 CI/CD 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 (IT Advisory & Assurance)**