Anthony Hien Vu

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SKILLS & STRENGTHS

- Good proficiency with production experience in MongoDB, Express, React and Node (MERN Stack).

- Good proficiency in using React with Redux for central state management.

- Experience with Next.js for server-side rendering and static-site generation.

- Experience in using TypeScript with JavaScript for static typing.

- Experience in Jest.js, Enzyme and React Testing Library for unit testing.

- Experience in Cypress.js & ROBOT framework for integration/functional/regression/end-to-end testing.

- Experience in UI/UX design prototyping using Figma.

- Experience with AWS core services (certified with AWS Developer – Associate Certificate & currently studying for Solutions Architect – Associate).

- Experience working with Google Firebase core services (e.g. web app authentication, Realtime Database).

- Good proficiency in the use of Docker Containers and the use of virtual machines.

- Good proficiency in building RESTful APIs.

- Good proficiency in documenting APIs using Swagger/OpenAPI specification.

- Experience in building GraphQL APIs.

- Experience in SuperTest for API testing.

- Good proficiency in the use of PostgreSQL & Oracle relational databases.

- Good proficiency in the use of JIRA, Confluence, Bitbucket and GitHub/BitBucket.

- Experience in setting up and maintaining Continuous Integration and Continuous Delivery (CICD) pipelines using Atlassian Bamboo & Concourse CI.

- Good proficiency in writing Python, Ansible, Shell and Bash Scripts to automate manual repetitive processes then scheduling them on a regular basis.

- Good proficiency in the use of Microsoft Teams.

- Good proficiency in the use of Microsoft Office Suite (Word, Excel, PowerPoint & Project).

- Working knowledge of agile cadence and methodology (Scrum and Kanban).

- Experience working with micro-services architecture.

- Experience configuring NGINX configuration to forward requests to micro-services/servers.

WORK EXPERIENCE

oOh!media, Sydney   **March 2021 – Now**
Full-Stack Web Developer

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

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 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 (IT Advisory & Assurance)