

Dzung Pham

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SUMMARY

Hard-working software developer skilled at developing elegant solutions with agile methods, clean code and the newest technologies. Passionate about software architecture and cloud computing.

SKILLS & ABILITIES

- Proficient in languages including JavaScript, HTML, CSS, C# and Java
- Server-side Development with Node.js/Express, Next.js, Firebase and MongoDB
- Client-side Development with Bootstrap, React/Redux and Material-UI
- Other Cloud Services: HAProxy/Nginx, Docker, Redis and AWS services
- Mobile application development using React Native, Xamarin and Java
- Software Development & Integration Life Cycle with Jira and GIT
- Analytical & Problem-Solving Skills
- Ability to Learn Quickly
- Team Player
- Detail Oriented

EDUCATION

- | | |
|--------------------|--|
| 2016 – 2018 | Bachelor of Information Technology (Computer Science) with Distinction
QUEENSLAND UNIVERSITY OF TECHNOLOGY, Gardens Point
GPA 6.69 |
| 2015 – 2016 | Diploma in Information Technology
QUEENSLAND UNIVERSITY OF TECHNOLOGY, Kevin Grove
GPA 6.75 |

EMPLOYMENT HISTORY

Freelance Web Developer Nov 2019 – Present
EasyWriting – easywriting.io

- Responsible for providing Architecture and Design as a part of the proof of concept.
- Designed, developed, and tested the software application based on React, Node.js, Next.js, MongoDB and Elasticsearch.
- Built and developed Docker containers with automated CI/CD pipelines.
- Actively managed, improved and monitored cloud infrastructure on AWS, EC2, S3 and Amazon Elasticsearch Service.

Junior Product Engineer

May 2019 – October 2019

The App Team

- Collaborated with multiple teams daily to build full-stack mobile applications for dozens of clients.
- Supported identifying and understanding the business requirements and requirements of the stakeholders on the project.
- Assisted as part of a team to design the system architecture and each component of this system at a high level and took decisions based on the received requirements.
- Analysed user stories and requirements and defined test strategies, conditions and plans.
- Prepared, evaluated and applied tools and technologies supporting and processing automation for software product release.

Product Engineer Intern

Feb 2019 – May 2019

The App Team

- Collaborated with multiple teams daily to build full-stack mobile applications for dozens of clients.
- Successfully developed and executed test plans, procedures, use cases and test scripts, and provided in-depth analysis to create and roll out new software.
- Led the drive to implement a component library to create modular and reusable components that could be shared across projects.

PROJECT EXPERIENCE

EnVi Dict | Side Project

Jan 2020

A comprehensive and delightful bilingual dictionary.

- Developed a cross-platform mobile app with React Native.
- Ensured best possible performance and responsiveness of the application.
- Published and maintained application on app marketplaces.

REDAX SOUNDS | Side Project

Sep 2018

Relax and sleep with a great collection of HD sounds that can be mixed into the perfect relaxing ambiances.

- Built with React/Redux, Node.js/Express and Webpack.
- Migrated the app to a Progressive Web App that reached a LightHouse score of 100/100 in the PWA auditing report.
- Used Jest as the testing framework and together with Enzyme to test the components.
- Containerized the app with Docker and deployed via Docker Hub.
- Adopted multiple development tools such as Webpack-dev-server, ESLint, Prettier, Babel and Nodemon.

Twitterment | CAB432 Cloud Computing

Oct 2017 – Nov 2017

A Twitter sentiment analysis dashboard for individuals to discover how people feel about a particular topic in real-time.

- Developed a back-end server on top of Node.js & Express framework with Socket.io for real-time ability.
- Designed and implemented a front-end website using Bootstrap and D3/Rickshaw for creating interactive series graphs.

- Researched and applied cloud architecture design to offer elastic scalability for the service to handle increased or decreased usage demands.
- Successfully adopted Amazon DynamoDB, Amazon EC2 Auto Scaling, Redis and HAProxy for scaling ability.

QLD Journey Planner | CAB432 Cloud Computing

Sep 2017 – Oct 2017

A traffic and journey information service and discovery-based platform.

- Responsible for end-to-end web app development.
- Developed Node.js and Express RESTful service consuming third-party public APIs.
- Implemented a public website using Bootstrap and Google Maps API.
- Deployed to production using Docker.

SuperHumans | Capstone Project

Jul 2017 – May 2018

A mobile application for building resilience in older people

- Leading role in all phases of the mobile app development from initial concepts, through UI design, development, testing and deployment.
- Analysed the market trends and emerging technologies for creating a next-gen mobile application.
- Developed back-end database using Parse Server on top of Node.js/Express platform
- Designed and developed Android app using Xamarin.

ACHIEVEMENTS

- QUT Dean's List of Students with Excellent Academic Performance for Semester 1 & 2, 2017 with a semester-based GPA of 7.0 and Semester 1, 2018 with a semester-based GPA of 6.5.
- Certificate of Achievement awarded to the student achieving the highest mark in Building IT System (Diploma in IT), 2016.
- Certificate of Achievement awarded to the student achieving the highest mark in Programming Principles (Diploma in IT), 2016.

REFEREES

References will be provided upon request