

# Dzung Pham

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<https://qdzungpham.com/>

<https://github.com/qdzungpham>

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## SUMMARY

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

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## SKILLS & ABILITIES

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

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## EDUCATION

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

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## EMPLOYMENT HISTORY

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| <b>Software Engineering Intern</b><br>The App Team | Feb 2019 - Current |
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- Collaborated with multiple teams daily to build full stack 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 rollout new software.
  - Led the drive to implement a component library to create modular and reusable components that can be shared across projects.

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## PROJECT EXPERIENCE

### REDAX SOUNDS | Side Project

Sep 2018

Relax and sleep with 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

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## 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.

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**REFEREES**

References will be provided upon request