Portia Ng

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CAREER OBJECTIVE

A highly motivated, enthusiastic software engineer offering exceptional services to companies to help develop high-performance applications. With in-depth knowledge of modern development tools and languages, solid problem-solving and communication skills, and experience in leading a development team throughout a project management cycle, I pride myself on providing high quality and timely delivery

EDUCATION

Master of Computing and Innovation 2020 - 2021
The University of Adelaide

Project: CI/CD Pipelines and Software Deployments at Scale
AWS, Docker, GitLab, Angular, Django, PostgreSQL, TypeScript
- Build a prototype with Angular, Django, and PostgreSQL to demonstrate the implementation of CI/CD pipelines.
- The deployment on AWS utilises Amazon VPC to create Private and Public Subnet - with the ECS and Database using Private Subnet, the application load balancer in a Public Subnet, as well as an Internet Gateway providing external user connection to the prototype, it secures and monitor connections, screen traffic, and restrict instance access inside the virtual network.

Project: Cross Platform App Design and Development
Angular, Django, MySQL, Firebase, Ionic, TypeScript
- Allows users to use a visual dashboard to analyse their emotions identified with their language over time, make reflections on underlying emotions and triggers, and provide useful resources to cope with emotional problems.
- Build a Cross-Platform Web Application in Angular with the Ionic framework as frontend, Django and MySQL as backend server and database, and using Firebase for email and Google account authentication.

Bachelor of Arts (Honours) in Creative and Professional Writing 2014 - 2019
Hong Kong Baptist University

Professional Experience

Software Engineer, Lumination, Adelaide, Australia Jan 2022 - Present

- Build and test software across varying technologies and platforms, from VR/AR experiences to mobile apps and web applications
- Work with a close-knit team of developers, designers, and digital artists to deliver engaging user-focused experiences

TECHNOLOGY AND TOOLS

- Intermediate knowledge of programming languages of Java, Python and C# including object-oriented design
- Familiar with web development in JavaScript, CSS3, HTML5, Angular and Django.
- Proficient in Git and Docker