Portia On Ki Ng

|  |  |  |
| --- | --- | --- |
| 0447 547 378 |  | portiang20@gmail.com |
| www.linkedin.com/in/portia-onki-ng |  | github.com/portiang20 |
| Adelaide, South Australia | | |

**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.

**TECHNOLOGY AND TOOLS**

|  |  |
| --- | --- |
| C++, Java, Python  JavaScript, TypeScript  CSS3, HTML5, Sass  Angular, React, Ionic | Django, MySQL  AWS, Docker  Git, SVN  Figma, Photoshop |

**PROJECTS**

|  |  |
| --- | --- |
| Jul 2021 – Nov 2021 | **CI/CD Pipelines and Software Deployments at Scale**  CONT7 – Taptu, Adelaide |
| * Key Technology Stack: AWS, Docker, GitLab, Angular, Django, PostgreSQL, TypeScript * Build a prototype in the architecture of front-end and back-end separation by using Angular, Django, and PostgreSQL to demonstrate the implementation of CI/CD pipelines. * The deployment on AWS utilises the Amazon Virtual Private Cloud 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. * Lead a team to design and build CI/CD pipelines at scale with Terraform, GitLab, and AWS. | |
| Mar 2021 – Jul 2021 | Cross Platform App Design and Development  MindSpace - Language Technology for Social Good (LT4SG) |
| * Key Technology Stack: Angular, Django, MySQL, Firebase, Ionic, TypeScript * Allows users to use a visual dashboard to analyse their emotions identified with their language overtime, make reflections on underlying emotions and triggers, and provides useful resources to cope with emotional problems. * Build a Cross Platform Web Application in Angular with Ionic framework as frontend, Django and MySQL as backend server and database, and using Firebase for email and Google account authentication. | |

**EDUCATION**

|  |  |
| --- | --- |
| 2020 - Present | **Master of Computing and Innovation**  The University of Adelaide  Expected completion: December 2021 |
| 2014 - 2019 | **Bachelor of Arts (Honours) in Creative and Professional Writing**  Hong Kong Baptist University |