

Oscar Zhou

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Personal Statement

As a highly-motivated and results orientated software engineer, I have participated in the program development of several projects within both domestic and overseas software companies. These experiences have enabled me to develop not only the ability to learn the new knowledge fast, but also my knowledge of the different areas in the IT industry, which is a valuable and transferable skill set in this fast-paced and ever-changing industry.

Certificate

AWS Certified Solutions Architect - Associate

Experience

Comet Backup, New Zealand

Feb 2020 – Present

Software developer

Responsibilities

- Developing the cross-platform software for Windows, MacOS, and Linux
- Building both front-end and back-end code for web application

Technical Stack and Toolkits: Golang, C++, Typescript, jQuery, bash, NSIS, AWS, Docker, CI/CD, Gitea, Vim, Qt, VS Code and more

Projects:

- White-label Backup Software for MSP (<https://cometbackup.com>)

Zetaapp, New Zealand

Nov 2017 – Feb 2020

Web developer

Responsibilities

- Building various of Restful APIs and tests (integration and unit) with Golang
- Configuring and the deploying of different stages of projects with Docker and AWS
- System design including architectural design and business logic design
- Integrating with the third party's APIs, like GoogleMaps, Slack, ePayment and so on
- Database modeling and maintenance
- Being able to write detailed API documents
- Developing auxiliary SDK to support the company's projects

Technical Stack and Toolkits: Golang, AWS, PostgreSQL, Docker, CI/CD, Bitbucket, Github, Vim, VS Code, git-flow, Trello, Pipefy, Jira

Projects:

- Educational website APIs (<https://www.wisyedu.com>)
- E-commercial website APIs
- Mobile wallet (foreign exchange) APIs

Longway software, China

Aug 2013 – Aug 2015

.Net Developer

Responsibilities

- Developing both front-end and back-end code
- Updating and maintaining the existing modules and function

Technical Stack: .NET C#, SQLServer, jQuery, HTML, WebForm, Visual Studio

Project:

- Enterprise Web Application (collecting and analysing clinical data, generating reports)

Tiandy Digital Technology, China

Jul 2012 – Jul 2013

C++ Developer

Responsibilities

- Upgrading the SDK of processing the audio and video stream
- Developing the automated debugging and testing tools of the camera circuit board
- Providing technical support of secondary SDK development for other companies.

Technical Stack: C++, MFC

Projects:

- SDK 4.0 (Upper computer SDK of surveillance system)
- PCB Detection Program

Personal Attributes

- Friendly & outgoing
- A strong, creative, problem solver
- Flexible and adaptable with a 'can do' attitude
- A Self-motivated & hard-working person, always take the ownership of the job

Education

Postgraduate Diploma in Software Engineering with Distinction, Level 8

Jul 2016 – Jul 2017

Bachelor Degree in Computer Science

Sep 2008 – Jun 2012

Personal Interests

Coding, workout, reading, hiking, and snowboarding