Vic Shan-Ho Yang

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Summary

Backend engineer with web front-end, mobile development and devops experience. Supportive and active team player dedicated to efficiently resolving issues. Developing maintainable and robust infrastructure in the enterprise. Taking security, performance, automation and integration as principles when developing product.

Skill Highlights

- Agile/Scrum Methodology
- Performance and scalability optimization
- API endpoint design
- CI/CD pipeline construction(Kubernetes)
- Google Cloud Platform(GCP)

- Golang, Python, Java, JavaScript
- MySQL
- Docker
- Efficient data management

Experience

Arcules Inc., Irvine, California   9/2017 - Present

Backend Engineer

- Efficiently implement API endpoints in **Golang** and combine security design in microservice architecture
- Built user management and permission system for user authentication and authorization and permission system leveraged **Google Bigtable**
- Performed the ability to build CI/CD pipeline on **GCP** for whole team to increase productivity by 50% and boosted the integration process between front-end and backend
- Maintained automation building script for backend team to easily set up development environment

MSC Software Corp., Irvine, California   4/2017 - 6/2017

Software Engineer Intern

- Helped Apex product team to plan the whole system pipeline such as data preprocessing, data schema, database design, data stream, and an architecture of system which can support them for 2 years
- Delivered a document listed the detail requirements of the system
- Made a presentation in front of six managers to start a process of developing new monitoring tool
- Built minimum viable product to let management level understand the idea of Apex usage monitoring system
- Implemented Apex usage monitoring platform with **Python/Django/PostgresSQL**

Zoaks Co. Ltd., Taipei, Taiwan   9/2013 - 9/2014

Software Engineer

- Built a reader app for GOODTV Magazine on Android **(4.6 stars, 1000+ downloads)**
- Designed a web system for uploading PDF's and establishing index of magazine
- Programmed auto-deploying system for both iOS and Android app similar to TestFlight
- Discussed with clients in order to minimize the gap between requirements and implementation

IBM Corp., Taipei, Taiwan   7/2012 - 6/2013

Software Engineer Intern

- Provided push notification solution for Worklight by IBM **(Built a bot for booking meeting room.)**
- Developed an integrated layer between **Android** native system and WebView for MQTT
- Won the internal backend system competition, selected as one of the most scalable system inside IBM

Education

University of California, Irvine, Irvine, California   9/2016 - 6/2017
Accelerated Certificated Program - Data Science

National Taiwan Normal University, Taipei, Taiwan   9/2008 - 2/2015
Bachelor & Master in Computer Science