Dennis Zhang

(415) 623-9075
dennis.zhang.nrg@gmail.com
PleaseNoDDoS.com

SUMMARY OF QUALIFICATIONS

- 1.5 years of top-tier on-call production support for a SAAS application with microservices hosted in private cloud as an SRE/DevOps Engineer
- Experienced with Python, Puppet, and Ansible; Implemented and deployed configuration management, monitoring, automation, and CI/CD pipelines
- Proficient with administering, optimizing, and troubleshooting applications and dependent databases running in Linux, Docker, and Kubernetes

SKILLS

Python	Puppet/Ansible	Docker	Kubernetes
MySQL	Redis	RabbitMQ	Elasticsearch

EMPLOYMENT EXPERIENCE

DevOps Engineer II   June, 2018 – Present
Ultimate Software   *San Francisco, CA, USA*

- Architected and implemented automated back up and restore system
- Containerized Python web application and Celery workers through Docker for development and future production
- Setup Pipenv for Python dependencies of code base and enforce as part of deployment pipeline through TeamCity and Fabric
- Designed and enforced SQL migration policy through automation to allow for seamless schema changes as part of deployment
- On-call to resolve production alerts and firefight unexpected problems; improve alerting and monitoring with Sensu, Telegraf, and Ansible
- Configure and maintain dependencies such as Redis, MySQL, MongoDB, Elasticsearch, RabbitMQ, HAProxy, Nginx and Apache HTTPD using Puppet

Software Developer   Sept, 2016 – Dec, 2016
JSI Telecom   *Ottawa, ON, Canada*

- Front-end and back-end C# development for a report generating service and plugin as well as writing scripts in Ruby for deployment
- Developed using .NET and WPF frameworks and use design patterns such as MVC, MVVM, and Dependency Injection through Unity Containers
- Wrote unit and integration tests for back-end code
- Presented and demonstrated progress of project in bi-weekly meetings

EDUCATION

Bachelor of Computer Science, Honours, Co-op   2018
University of Waterloo   *Waterloo, ON, Canada*

PROJECTS & HOBBIES

Kubernetes HomeLab

- Pi-hole DNS server for network wide ad block
- Autoscale personal website with Statping for outtage alerting
- Distributed file sync with Syncthing
- Telegraf, InfluxDB, Grafana for metrics monitoring