

# Dennis Zhang

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PleaseNoDDoS.com

## SUMMARY OF QUALIFICATIONS

- 2 years of top-tier on-call production support for a monolithic SAAS application with micro-services 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 software running in Linux VMs, Docker, and Kubernetes

## SKILLS

- Python
- Puppet/Ansible
- Docker
- Kubernetes
- MySQL
- Redis
- RabbitMQ
- Elasticsearch

## EMPLOYMENT EXPERIENCE

### **DevOps Engineer II**

*UKG (Ultimate Software)*

June, 2018 – Present  
San Francisco, CA, USA

- Architected and implemented automated back up and restore system
- Containerized Python web application and Celery workers through Docker for development, CI and future production
- Setup Pipenv for Python dependencies of code base and enforce as part of deployment pipeline through TeamCity and Fabric
- Designed, implemented, and enforced SQL schema 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, PagerDuty and Ansible
- Configure and maintain dependencies such as Redis, MySQL, MongoDB, Elasticsearch, RabbitMQ, HAProxy, Nginx and Apache HTTPD using Puppet

### **Software Developer**

*JSI Telecom*

Sept, 2016 – Dec, 2016  
Ottawa, ON, Canada

- Full stack C# development for a report generating service plugin as well as writing scripts in Ruby for deployment
- Developed a .NET application with WPF frameworks and 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**

*University of Waterloo*

2018  
Waterloo, ON, Canada

## PROJECTS & HOBBIES

### **Kubernetes HomeLab**

- K8s apps deployed with helm: Synthing, Mattermost, Telegraf, InfluxDB, Grafana, Concourse
- Contributed to multiple open source Helm charts