

Joe Kuo

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EXPERIENCE

2018-12 – Present

Software Developer, *Hootsuite (Vancouver, Canada)*

- Design autonomous data platform for the organization
- Provide tooling around data processing and data analysis purpose
- Design and implement framework for streaming and batch data processing
- Evaluate software requirements and planning against new project initiatives

2018-01 – 2018-11

DevOps Engineer, *Global Relay Communications (Vancouver, Canada)*

- Design and construct CI/CD pipeline for different micro-services
- Migrate event streaming framework and automate deployment
- Improve observability of system to maintain SLAs
- Improve availability and stability of services and design disaster recovery playbook

2017-05 – 2017-12

Software Engineer, *Speed Shift Media (Vancouver, Canada)*

- Orchestrate data processing layer with higher fault tolerance
- Manage log injection, data warehouse ETL and data modeling for big data processing
- Design and implement logging infrastructure to handle high throughput event data
- Implement monitoring and automated resolution around system failure

2015-05 – 2015-09, 2016-01 – 2016-12

Software Developer, *Beanworks Solutions Inc. (Vancouver, Canada)*

- Built and maintain web application on LAMP stack
- Implement features and integrations with third party software
- Mentor interns and provide training/onboarding for new developers
- Design reliable and expandable software architecture for business requirement

EDUCATION

2011-09 – 2017-04

Bachelor of Applied Science (System Engineering), *Simon Fraser University*

TECHNICAL SKILLS

- Programming Language: **Go, Python, JavaScript** (React, NodeJs), **PHP, Bash**
- OS: **MacOS, Linux** (Debian, Ubuntu, CentOS/RedHat)
- Container: **Docker, Kubernetes, LXC, Vagrant**
- Database Technology: **PostgreSQL, Elasticsearch, MySQL, MongoDB, Redshift**
- CI/CD and Configuration Management: **Jenkins, Ansible, Circle CI**
- Data Streaming: **Logstash, Kafka, Kinesis**
- AWS: **S3, EC2, ECS, Fargate**, Cloudwatch, Kinesis, Lambda and many more
- Monitoring: **ELK, Grafana, Splunk, Sumo, Prometheus**