Steve **Yoon**

PLATFORM ENGINEER · GOPHER

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Skills

Programming	Go, Python3, C++, Javascript, Ruby
DevOps	Kubernetes, Terraform, Helm, Ksonnet, EFK, Operator, Docker, Ansible, Prometheus, Grafana, Chef, Sensu
Reliability	Distributed System, Disaster Recovery, Monitoring, Alerting/OnCall
Web	Go, Javascript/Node, Typescript, React/Redux/ReactNative, Tornado/Flask/Django, HTML5/CSS3/SASS
Languages	Korean, English

Experience

Platform Engineer
Remote

COMPOSE, AN IBM COMPANY — *Jan. 2017 - Present*

- Database-as-a-Service platform for Compose / IBM Cloud Database (PostgreSQL, MongoDB, ElasticSearch, RabbitMQ and more)
- Database administration automation (provision, backup, scaling, resync, recovery etc.)
- Go microservices, Kubernetes operators, CRD, Jobs to manage database replicas
- Monitoring infrastructure through kube-prometheus (prometheus and grafana), ELK, Sensu

Sergeant, Software Engineering
Seoul, S.Korea

REPUBLIC OF KOREA CYBER COMMAND — *Feb. 2015 - Nov. 2016*

- Cybersecurity web services

ASIC Design Engineer 2
Markham, Canada

ADVANCED MICRO DEVICES INC. — *Aug. 2013 - Oct. 2014*

- PCIe post-silicon debugging
- PCS IP (PCIe, USB, SATA) design verification
- C++, Perl, System Verilog, Verilog, UVM

Software Engineer (Java)
Mississauga, Canada

AVERSAN INC. — *Nov. 2012 - May. 2013*

- Custom reverse proxy and test automation framework for eHealth Ontario
- Java, Netty, Spring, Hibernate, Maven, Oracle 11g, Selenium

ASIC Design Engineer (PEY)
Markham, Canada

ADVANCED MICRO DEVICES INC. — *May. 2010 - Sep. 2011*

- DFx IP (DFT/DFD) design verification
- IEEE standards (JTAG, P1500)
- C++, Perl, System Verilog, Verilog

Education

University of Toronto
Toronto, Canada

B.A.SC. COMPUTER ENGINEERING — *2007 - 2012*

- Certificate in Entrepreneurship, Innovation and Small Business

Open Source

★ 1178 **GoCelery**, Celery Distributed Task Queue in Go - https://github.com/gocelery/gocelery