

# Steve Yoon

PLATFORM ENGINEER · GOPHER

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## Skills

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

## Experience

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### Platform Engineer

COMPOSE, AN IBM COMPANY

Remote

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

REPUBLIC OF KOREA CYBER COMMAND

Seoul, S.Korea

Feb. 2015 - Nov. 2016

- Cybersecurity web services

### ASIC Design Engineer 2

ADVANCED MICRO DEVICES INC.

Markham, Canada

Aug. 2013 - Oct. 2014

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

### Software Engineer (Java)

AVERSAN INC.

Mississauga, Canada

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)

ADVANCED MICRO DEVICES INC.

Markham, Canada

May. 2010 - Sep. 2011

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

## Education

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### University of Toronto

B.A.Sc. COMPUTER ENGINEERING

Toronto, Canada

2007 - 2012

- Certificate in Entrepreneurship, Innovation and Small Business

## Open Source

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★ 1093 **GoCelery**, Celery Distributed Task Queue in Go - <https://github.com/gocelery/gocelery>