

Port Moody, BC, Canada

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Summary_

Senior full stack developer with 8+ years of complete software development lifecycle. My practical experience includes infrastructure automation, backend/frontend software development on highly scalable systems, application security, operational support, testing, and people management. I strive to keep up to date with the latest technologies and best practises and try to incorporate them wherever feasible.

Experience _

Amazon Web Services

Vancouver BC, Canada

April 2020 - Present

Feb 2018 - April 2020

Aug 2016 - Feb 2018

May 2014 - Aug 2016

arXiv: 1311.0058

SOFTWARE DEVELOPMENT ENGINEER

- Developer on the AWS Commerce Platform
- Technologies: Java, AWS

Idemia Vancouver BC, Canada

SENIOR SOFTWARE DEVELOPER

- Project lead and backend Python developer working on core eSIM/SIM orchestration product
- · Built highly available and distributed systems to asynchronously provision eSIM/SIM use cases from the ground up
- · Responsible for communicating, designing, developing, and delivering multiple client projects from start to finish
- Built DevOps tooling to troubleshoot problems in eSIM/SIM provisioning
- Technologies: Python, Go, Clojure, PostgreSQL, RabbitMQ, Kafka, Salt Stack, AWS

CA Technologies Vancouver BC, Canada

SOFTWARE ENGINEER

- Full stack Java developer on the API Management Portal product
- · Responsible for designing, implementing, and testing real time API provisioning on remote API gateways
- Mentored employees on Python scripting and git best practices
- Built Python scripts to on-board new and existing customers
- · Leader for an internal API first group, to help guide teams to develop APIs following best practises
- Technologies: Java, Python, Docker, Kubernetes, PostgreSQL, RabbitMQ, OpenShift, TeamCity

Siaras Burnaby BC, Canada

SOFTWARE ENGINEER

- Core Python developer working on the Siaras cloudScape/cloudBurst product
- Involved in designing, documenting, implementing, and testing custom plugins for OpenStack
- · Developed solutions for abstracting different cloud technologies into a single common OpenStack API layer
- Helped design and develop creative WAN solutions using a variety of technologies such as GRE, VPN, and L2 Gateway
- Implemented end-to-end tests which integrate into our CI/CD infrastructure
- Technologies: Python, MongoDB, OpenStack

Education

University of Victoria BC, Canada

Bachelors of Engineering in Computer Engineering Sept. 2009 - May 2014

Publications and Awards

Dynamic web cache publishing for IaaS clouds using Shoal, Ian Gable, Michael Chester, Patrick

2013 Armstrong, Frank Berghaus, Andre Charbonneau, Colin Leavett-Brown, Michael Paterson, Robert Prior, Randall Sobie and Ryan Taylor

2013 Undergraduate Student Research Award, NSERC

References ____

Available Upon Request

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