Mike Chester

SOFTWARE DEVELOPER

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*

SOFTWARE DEVELOPMENT ENGINEER   *April 2020 - Present*

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

Idemia   *Vancouver BC, Canada*

SENIOR SOFTWARE DEVELOPER   *Feb 2018 - April 2020*

- 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   *Aug 2016 - Feb 2018*

- 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   *May 2014 - Aug 2016*

- 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   *Victoria BC, Canada*

BACHELORS OF ENGINEERING IN COMPUTER ENGINEERING   *Sept. 2009 - May 2014*

Publications and Awards

2013	**Dynamic web cache publishing for IaaS clouds using Shoal**, Ian Gable, Michael Chester, Patrick Armstrong, Frank Berghaus, Andre Charbonneau, Colin Leavett-Brown, Michael Paterson, Robert Prior, Randall Sobie and Ryan Taylor	*arXiv: 1311.0058*
2013	**Undergraduate Student Research Award**, NSERC	

References

Available Upon Request