

Sadisha Galappatti

SOFTWARE ENGINEER · CSM, SECURITY ENTHUSIAST

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“Choose a job you love, and you will never have to work a day in your life.”

Summary

Software Engineer in Training currently working at RBC on the API Platform. 2+ years of work experience with backend/infrastructure, web development and security and experience being a tech lead in a small team. I know my way around a unix like terminal and love to build out my perfect development environment. The hard challenges keep me motivated and moving forward. Constantly on the search for opportunities to grow personally and professionally. SKILLS: Python, Java, NodeJS, Angular, Ansible, Bash, HTML/CSS, GoLang, Ruby on Rails, C/C++, MySQL, Redis, Cassandra, Postgres, Elasticsearch (ELK), Apigee, PCF

Work Experience

RBC

Toronto, Canada

SOFTWARE DEVELOPER | TECHNICAL LEAD

June 2017 - Present

- Deployed and architected the API Gateway platform in a time period of 4 months (<https://developer.rbc.com>)
- Managed engagement, education and onboarding to the API Platform and developed standards around usage
- Managed the infrastructure to run the API Gateway platform to allow for a 99.97% uptime SLA even leading the push for an in production zero downtime upgrade of software
- Automated basic operation tasks and configuration of platform deployment with Ansible and Python
- Enabled Oauth and Mutual Authentication (2waySSL) as generic policy to add to API's
- Developing a revamp of the developer portal using Angular and GoLang
- Developed a CICD process to push compiled Angular build artifacts to PaaS system using Jenkins and NodeJS
- Worked collaboratively with various teams to aid with architecture, security and general problem solving
- Contributor to various innersource projects at RBC
- KEY ACHIEVEMENTS: RBC Digital Q3 2018 Team Award

Blackberry Limited

Waterloo, Canada

SOFTWARE DEVELOPER INTERN

Sept. 2015 - Aug. 2016

- Built restful API's (Ruby on Rails) following a microservice architecture as part of a 2.0 deployment of BlackBerry CloudConsole application
- Dashboard development such as chargeback data pull, OS level patch monitoring, KAFKA/GRAFANA integration
- Developed on top of an asset tracking configuration management platform
- Created and delivered introduction courseware outlining the adoption process of CMDB tool

McMaster University

Hamilton, Canada

COMPUTER SOFTWARE ASSISTANT

May. 2015 - Aug. 2015

- Developed tools for researchers to automate genome sequencing task such as converting FASTQ or fna to FASTA files
- Rebuilt lab website using WordPress for ease of use
- Optimized current bioinformatics website for performance increases
- Used RosettaPy in the development of a tool to create 3D models of protein sequences

Program Committees

2013 - Pres **Technical/Youth Board Member**, Wellwood Cancer Centre

Hamilton, Canada

Education

McMaster University

Hamilton, Canada

B.ENG. IN SOFTWARE ENGINEERING

Class of 2017