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Jiin Kim

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Linkedin🔗 | **Github**🔗

EDUCATION & CERTIFICATION

Simon Fraser University
Honours Bachelor of Science - (Hons) BSc, Computer Science

Sep 2022 - Present
Burnaby, BC

AWS Certified Cloud Developer Associate (DVA-C02)

Apr 2023

SKILLS

Programming Languages: Java, Python, Javascript, C, C#, PHP
Frameworks & Libs: React, Spring Boot, Express.js, Laravel, Flask, Jest, JUnit, Cucumber
Softwares & Tools: AWS, Jira, Git, Github Actions, Docker, MySQL, MongoDB, Swagger

TECHNICAL WORK EXPERIENCE

Global Relay
Junior Software Development Engineer in Test

Jan 2022 - Sep 2022
Vancouver, BC

- Developed a Test Automation Framework (TAF) tightly coupled with a Spring Boot microservice that performs multi-layered testing to ensure zero crashes before proceeding to performance testing on k8s.
- Implemented Regression, Integration, and System testing using Cucumber and Docker-Compose to verify a 100% success rate in transpiling 1M+ Reddit feeds into a unified EML format.
- Implemented a Python toolkit for mocking Reddit API with randomized data for users, posts and comments.
- Achieved a transition from manual testing to automated BDD tests, and decoupling via using mock microservices.

Renu Bio Health Ltd.
Web Developer

Nov 2020 - Dec 2021
Vancouver, BC

- Developed a Laravel and PHP cron scheduler that connects SaaS APIs to automate Ecommerce sales workflows.
- Implemented a fault-tolerant backend service with a retry mechanism using Laravel Queue, which tracks errors in the SaaS integration pipeline and enables debugging and reprocessing.
- Automated the data organizing process using Google API and Javascript to eliminate manual work in Excel.
- Provisioned VPC and 10+ load balancers, computing instances, and databases using ElasticBeanstalk in AWS.

TECHNICAL PROJECT

SWE Resume Evaluator Github🔗

Sep 2023 - Present

- Led a team of 10 SFU students, managing workloads, task delegation, configuring CI/CD and hosting on AWS.
- Developed an AI-based software-as-a-service (SaaS) application in React, Python, Express.js, and Firebase, using the Naive Bayes classifiers in Python to assess user's resumes if they fit into software engineer roles.

Macm316 Demo🔗 Github🔗

May 2023 - Aug 2023

- Led a team of 6 SFU students, embraced Agile practices such as retrospective meetings to collect insights.
- Developed a graphical calculator web app in React via test-driven development (TDD) using Jest and RTL.

LEADERSHIP & VOLUNTEERING

SFU OS (Open Source) Development Club 🔗
Co-Founder/Vice-President

Jan 2023 - Present

- Founded a student-led software development club at SFU with 120+ club members.
- Led 4 software development projects with 30+ student developers, managing 150+ task tickets and workloads.

SFU Peer Tutoring Program 🔗
CS Peer Tutor

May 2023 - Present

- Volunteered for tutoring 30+ students to help them grasp challenging concepts such as CPU Pipelining.
- Served as a senior tutor to provide guidance to 15+ junior tutors on approaching their tutees.

AWARDS

Open Source Software Engagement Award
Simon Fraser University, Senate Undergraduate Committee

Sep 2023

- Granted to an undergraduate student who demonstrates excellence in an Open Source software project(s)