JANET MARDJUKI

Software Engineer

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⭐ SKILLS

Languages Java, Bash, Python, SQL, C#, JavaScript, HTML, CSS, C, C++, TypeScript, PHP

Tools/Framework git, React, GraphQL, Selenium, MySQL, AWS, JIRA, Azure, Postman, Cypress

Others Agile, Code Reviews, Regex, System Design, Operating Systems, Object-oriented programming (OOP)

💼 WORK

Yelp (Remote, CA)

Software Engineer - Ads   **Feb 2021 – Apr 2023**

- Grew revenue by $50k/quarter by leading, designing, and developing A/B test structure on **REST**-based microservices built in **Python** and **Java** to determine optimal ad placement in web and mobile
- Mitigated a horizontal attack security vulnerability by migrating **AWS IAM** service users from using Amazon **S3** Boto3 key to Kubernetes pod-identity by updating the **Terraform** (IaC) file for the AWS cloud
- Leveraged **pytest** framework to develop and execute comprehensive test suites, ensuring robust functionality and efficient test automation in a Python-based testing environment
- Identified the root cause of metric drop, ensuring timely project delivery by analyzing data and logs using **Pandas** and **SQL**
- Streamlined the deployment process from development to staging to production on AWS by leveraging established CI/CD pipelines, utilizing **GitHub Action**s and **Jenkins**
- Reduced pager noise by 20% while maintaining early detection of errors by creating and fine-tuning **Splunk** trigger conditions for on-call alerts to improve on-call life

Redmane Technology (Burnaby, CA)

Software Developer   **Apr 2019 – Sep 2020**

- Developed **Java EE Curam**'s interfaces for a USD 28M project for the Department of Health, verifying evidence (income, address) through external **SOAP** APIs and **XML** flat files from third-party vendors
- Integrated **JUnit** with **Mockito** for dependency mocking, resulting in a 20% improvement in the isolation and testing of individual code units

Broadcom (Richmond, CA)

Application Engineer   **Jan – Apr 2016**

- Increased customer satisfaction by 40% by efficiently providing technical support, fixes, and patches for the Linux kernel drivers written in **C**
- Enhanced the efficiency of the wireless audio team in addressing customer cases by creating **Bash** and **Python** scripts tailored for team utilization

Nuvation Engineering (Waterloo, CA)

Embedded Software Engineer   **May – Aug 2015**

- Enhanced testing efficiency by implementing **Selenium** with **Python** for seamless end-to-end testing, resulting in streamlined processes and a notable 50% improvement in overall performance

⚙ PROJECTS

Kpop Stan Bot - Discord Hack 1st Place Winner   **Sep 2023**

Wrote a spammy fancam discord bot to mimic Kpop stans behavior, made using **NodeJS** and **JavaScript**

🎓 EDUCATION

Bachelor of Applied Science, Computer Engineering   **Sep 2012 – Sep 2018**

Simon Fraser University