JANET MARDJUKI

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SUMMARY

Customer-focused software engineer with 4 years of experience delivering products in both private tech and for the government; adept at designing and developing scalable and testable code

WORK EXPERIENCE

Software Engineer - Ads   Yelp – Remote, CA   Feb 2021 – Apr 2023

- Grew revenue by $50k/quarter by leading, designing and developing A/B test feature structure on REST APIs based microservices built in **Python** and **Java** to determine optimal ad placement
- Reduced revenue lost of $20k/hour by mitigating an on-call issue due to **Kafka** broker shutdown, wrote a post-mortem detailing the issue and the long-term plan to be adapted by the organization
- Followed security best practice 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
- Implemented **GraphQL** queries for efficient data retrieval, seamlessly integrating with **Elasticsearch** (**NoSQL** Database) to optimize search functionality in a high-demand environment
- Identified the root cause of metric drop by analyzing data and logs using **Pandas** and **SQL**
- Leveraged established CI/CD pipelines, utilizing **GitHub Actions** and **Jenkins** to streamline the deployment process from development to staging to production on AWS
- Reduced pager noise by 20% while maintaining early detection of error by creating and fine-tuning **Splunk** trigger conditions for on-call alerts to improve on-call life

Software Developer   Redmane Technology – Burnaby, CA   Apr 2019 – Sep 2020

- Developed **Java** interfaces for a $28M USD project for the Department of Health, verifying evidence (income, Medicaid eligibility) through external SOAP APIs and XML flat files from vendors like Equifax
- Integrated **JUnit** with **Mockito** for dependency mocking, resulting in a 20% improvement in the isolation and testing of individual code units

Application Engineer   Broadcom – Richmond, CA   Jan 2016 – Apr 2016

- Increased customer satisfaction by 40% by efficiently providing technical support, fixes, and patches for the **Linux kernel drivers** written in **C**
- Provided valuable software support to senior team members in adopting modern tools such as **Docker**, **Git** and **Gerrit** resulting in a measurable increase in overall team satisfaction and operational efficiency

PROJECTS

Fuel Consumption - Vancouver Datajam 3rd Place Winner   Sep 2023

Analyzed vehicle fuel consumption using Python, Pandas, Jupyter Notebook, and SciPy, then presented the findings and recommendations to potential vehicle buyers and policymakers

SKILLS

Languages Python, SQL, Java, Bash, C#, JavaScript, HTML5, CSS3, C, C++, TypeScript, PHP, Ruby
Technologies Docker, GraphQL, RDMS, Hadoop, Terraform, Kubernetes, Elasticsearch, Unix/Linux
Tools IntelliJ, MySQL, git, AWS, JIRA, Confluence, Jenkins (CI/CD), Azure, Postman, PostgreSQL, Gerrit

EDUCATION

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

Simon Fraser University