**Vijay K**

**Fremont, CA**

**669-842-3737**

**career9052@gmail.com**

**Languages and technologies:**

* **Proficient**: Java, Spring Boot, Spring Batch, JSP, JavaScript, Python, MySQL, Mongo, Oracle DB, Kubernetes, Icinga, Newrelic, jQuery, HTML5, CSS3, Rest API, CosmosDB, Kafka, React
* **Exposure**: Shell Script, Apache Solr, Uptime, Google Cloud (GCP), Docker, Uptime

**Certification:**

* GCP ( Google Cloud Platform ) Fundamentals : core infrastructure 2018

**Professional Experience:**

**Nextgen | Sr. Java Consultant | Contract (Client: Fidelity) | Remote Mar 2022 - Present**

* Helped implement performance related changes for core payment processing backend service. Participating in code reviews and ensuring code coverage and quality standards are met.
* Developed User interfaces for Engagement Generator application using React, HTML5 and CSS3.
* Involved in Designing Components applying react-icons, forms, ,Dropdown, Multi-Level Dropdown for web pages using CSS3.
* Helped the team migrate JPA to JDBC for core backend services to improve performance resulting in 20% improvement for some services.
* Design, implement, and maintain scalable and high-performance applications using Scala and related technologies.
* Utilize frameworks such as Play Framework and Akka to build robust and responsive systems
* Implemented time-based, multi-pod, multi-thread performance testing API to test the performance of changes going for the backend services(Kafka).
* Developed and maintained scalable applications using Scala and Play Framework.
* Utilized SBT for building and managing project dependencies, ensuring a streamlined development process.
* Implemented and optimized RESTful APIs for efficient data exchange between frontend and backend systems.
* Collaborated with CI/CD teams to integrate automated testing and deployment pipelines.
* Actively participated in code reviews, contributing to the improvement of code quality and maintainability.
* Participate in on-call rotation for production and lower environment support.
* Help increase performance of logging for core services in low-value high-volume payment processing backend by switching log4j from logback for multiple services.

**Walmart | Senior Java Engineer | Contract | Sunnyvale, CA Aug 2021 - Feb 2022**

* Worked on APIs(Using Springboot, Junit, CosmosDB) for the new team helping build Walmart+ backend from scratch. Ensuring code quality, participating in code reviews and designs.
* Worked using GCP using Java, Spring Boot, JSP, and MySQL, resulting in complete migration of Walmart .
* Created POC and incorporated Java plugin-based architecture for third-party integrations to enable better benefits checks in the WalmartPlus program.
* Enhanced better documentation using Swagger to help other developers to contribute easily.
* Setting up right monitoring and alerts using Walmarts monitoring tools in Kubernetes platform to help the team get escalations

**Niantic Labs | Senior Software Engineer | San Francisco, CA Apr 2020 - Aug 2021**

* Worked on a Gradle Plugin to support Windows platform for the game builds using Groovy resulting in savings of build infrastructure cost by 20%.
* Implemented container Imaged signing and validation which resulted in the elimination of human errors while deploying images to production clusters using Python Flask(For RestFul APIs).
* Experience in GCP usage for Niantic labs exposure.

**eBay Inc | Software Engineer 3 | San Jose, CA Aug 2018 - Mar 2020**

* Developed a self-serve internal tool to manage Kubernetes cluster capacity using Spring Boot, JavaScript, and MySQL, saving 100+ manual hours weekly, and improving the efficiency of resource utilization by 35%.
* Facilitated migration of internal cloud resources to GCP using Java, Spring Boot, JSP, and MySQL, resulting in

complete migration of eBay external environment to Google cloud.

* Developed and maintained scalable and high-performance backend systems using Scala and Akka.
* Collaborated with cross-functional teams to design and implement RESTful APIs.
* Implemented data processing pipelines using Apache Spark, improving data processing efficiency by [X]%.
* Participated in code reviews and mentored junior developers, fostering a collaborative and learning-oriented environment.
* Architected Live Call Routing for production services using Python, Flask, PagerDuty, MySQL, GCP and Twilio Voice, minimizing downtime to reach stakeholders for production incidents from 5-10 minutes to 3 seconds.
* Implemented several features for platform-as-a-service (PaaS) tool using Java, Spring Boot, JSP, JavaScript, jQuery, and React optimizing manual effort spent by eBay developers by automating tasks through UI.

**eBay Inc | Software Engineer 2 | San Jose, CA Jan 2016 – Jul 2018**

* Designed, architected, and implemented a unified Build and Release platform(Distributed system with microservice architecture), where 4 tools were consolidated into a single platform using Java, Spring Boot, JSP, JavaScript, jQuery and HTML5.
* Improved time to production by implementing more than 20 features, reducing build processing time by 80X and minimizing human interventions, and providing more self-service options with enhanced visibility.
* Facilitated migration of internal cloud resources to GCP using Java, Spring Boot, JSP, and MySQL, resulting in

complete migration of eBay external environment to Google cloud.

* Rewrote production release rollback service for pools following train release methodologies in Java, Spring Boot, JSP, and JavaScript improved UX which resulted in 30% faster rollback service.
* Enhanced and maintained manifest and train scheduling tool for legacy architecture pools using Java, Spring Boot, and JavaScript, optimizing developer productivity through saving 100s of hours each month.
* Maintained and added new features to internal Q&A forum using Java, Apache SOLR and Mysql

**eBay Inc | Software Engineer, Intern | San Jose, CA May 2015 - Aug 2015**

* Engineered monitoring solutions for internal apps using Python, Icinga2, Shell Script, Newrelic, and MySQL, reducing downtime for critical infrastructure services and bringing up response time and availability by 50%.
* Facilitated migration of internal cloud resources to GCP using Java, Spring Boot, JSP, and MySQL, resulting in

complete migration of eBay external environment to Google cloud.

* Developed custom monitoring plugins for Icinga using Icinga2, Shell Script, Python and MySQL, customizing monitoring for eBay's infrastructure services needs.

**TCS | Systems Engineer | Bangalore, India Jan 2012 - Jul 2014**

* Led Site Reliability for UK based Pension fund client; architected end-to-end monitoring resulting in 40% less production outages using IBM Tivoli monitoring products.

**Education:**

* Master of Science in Computer Science, University Of South Florida Dec 2015
* Bachelor of Engineering in Computer Engineering, Sardar Patel University Jul 2011