

Isaac Del Rosario

hisaacdelr@gmail.com | Seattle, WA | [linkedin.com/in/hisaacdelr](https://www.linkedin.com/in/hisaacdelr)

TECHNOLOGIES

Languages: Java, Kotlin, Python3

Monitoring & Alerts: Splunk, New Relic, Datadog, Kibana, Pagerduty

Frameworks: Spring Boot, Junit (unit and integration), MockK, (smoke & performance) K6, Apache Jmeter, Artillery

Infrastructure: Elasticsearch, Apache Kafka, SQS, Kubernetes, Docker, AWS (ECS, EC2), Gitlab CI/CD

Storage: S3, Redis Cache, RDS, PostgreSQL

EXPERIENCE

Nordstrom - Search Data Platform

Seattle, WA

Software Engineer II

Feb 2021–Sept 2022

Software Engineer I

Aug 2018–Feb 2021

- Architected and implemented low latency type-ahead search suggestions API using Kotlin and Elasticsearch, speeding up updates by 300%
- Maintained and implemented feature work for client-facing product search API while following Nordstrom security standards, such as query intent, search relevancy improvements, refactoring to apply strategy patterns, etc.
- Mentored 7 junior-level engineers with task planning, task delegation, and pair programming
- Implemented caching for our search API using bloom filter pattern with Redis Cache
- Built and maintained scalable ETL data pipeline with throughput of 150M events per minute using Kafka for data streaming and Java Spring Boot microservices
- Aggregated product data with customer events data to improve product relevancy during search time
- Conducted A/B tests for new features in a production environment
- Saved \$20,000 per month in AWS operations by deprecating old .NET infrastructure
- Migrated manual JAR deployment from Elastic Beanstalk app to automated CICD pipeline in Gitlab
- Collaborated with business and data science partners on feature scope and implementation
- Wrote on-boarding curriculum for new engineers starting on the team

SAP Concur - Mobile Travel

Bellevue, WA

Software Developer Intern

Feb 2018–Jul 2018

- Developed for Android app including installing analytics and migrating UI components into Travel SDKs, improving accessibility in UI, and fixing bugs
- Implemented updated view for travel booking to enhance user experience for 1M users
- Wrote bash scripts to automate Jenkins CICD pipeline tasks

CDK Global - Contract

Seattle, WA

Web Design Specialist I

Jul 2016–Feb 2017

- Migrated 9000 automobile websites using in-house built proprietary CMS platform system
- Designed digital advertisements following general OEM brand guidelines using Photoshop

EDUCATION

Ada Developers Academy

Seattle, WA

Year-long software developer training on full-stack web development and CS fundamentals

2018

University of Washington

Seattle, WA

Bachelor of Arts in Japanese Linguistics

2015