

# Isaac Del Rosario

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## EXPERIENCE

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### Nordstrom

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 term updates from a monthly/manual ad-hoc update to a daily ingestion system
- Maintained and contributed feature work for client-facing product search API, collaborating with 4 contributing cross-functional teams on design, implementation, and quality assurance
- Built and maintained scalable ETL product data ingestion 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 production environment
- Deprecated old .NET infrastructure and saved \$20,000 per month in AWS operations
- Automating code and infrastructure deployment using CI/CD pipelines
- Mentorship of junior-level engineers with task planning, task delegation, and pair programming
- Wrote on-boarding curriculum for new engineers starting on the team

### SAP Concur

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 CICD pipeline tasks

### CDK Global

Seattle, WA

Web Design Specialist I

Jul 2016–Feb 2017

- Migration of 9000 automobile websites using in-house built proprietary CMS platform system
- Designed digital advertisements following general OEM brand guidelines using Photoshop
- Conducted quality assurance for sites during migration process

## TECHNOLOGIES

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**Languages:** Java (Spring Boot), Kotlin (Spring Boot, Javalin), Python3

**Infrastructure:** Elasticsearch, Kubernetes, Docker, Terraform, AWS (ECS, EC2), Artifactory, Gitlab CI/CD

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

**Storage:** S3, Redis Cache, RDS

**Streams:** Apache Kafka, SQS, Avro,

**Testing:** (unit & integration) Junit, MockK, (smoke & performance) Grafana K6, Apache Jmeter, Artillery

## EDUCATION

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### Ada Developers Academy

Seattle, WA

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

2018

### University of Washington

Seattle, WA

Bachelor of Arts in Japanese Linguistics

2015