

# Isaac Del Rosario

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## Skills

**Languages/Frameworks:** Kotlin, Java, Spring Boot, Python, C# (familiar), Ruby (familiar)  
**Infrastructure:** Kubernetes, AWS (Elasticsearch, ECS, Fargate, S3, CloudFormation, EC2, Lambdas, SQS, Fargate, ECR), Apache Kafka, Solr, Docker, Chef, Gitlab CICD, GoCD  
**Monitoring:** Splunk, Datadog, Cloudwatch, NewRelic (APM, Infrastructure)

## Experience

**Software Engineer II** | Nordstrom

August 2018 - Present

- Drove design and implemented predictive searching for search service utilizing Elasticsearch, Kotlin, and Python; and deprecation of manually human-curated suggestion service
- Ownership of ETL (extract, transform, load) microservices that handle 24,000 events per min. ingestion rate
- Maintain infrastructure resilience for our client-facing search services (API and Elasticsearch), handling at most 13,000 RPS
- Deprecation of .NET applications into Java and Kotlin applications
- Deployment automation using Python for GoCD and Gitlab CI pipelines
- On-call responsibilities to ensure stability of our applications during on and off-hour times
- Mentorship of junior-level engineers with task planning, task delegation, and pair programming

### Side-Projects:

- Technical Talk: [Intro to Elasticsearch - Adiecon, January 2020](#)
- Winter Hackathon Project: [Fashion Horoscope](#), worked in team of 5 SDEs and led design and implementation of Java Spring Boot backend

**Android Developer (Intern)** | SAP Concur

February 2018 - July 2018

- Implemented UI for legacy and modern travel services to enhance user experience for 1M users
- Developed for Android app including installing analytics and migrating UI components into Travel SDKs, improving accessibility in UI, and fixing bugs
- Led cross-team initiative to decrease compile time errors and warnings, leading to reduction in compile time for mobile app development
- Wrote bash scripts to optimize CICD build system

**Software Developer** | Ada Developers Academy

August 2017 - July 2018

- Shipped 15 full stack projects using Ruby on Rails, JavaScript, HTML & CSS, PostgreSQL, and worked with paradigms such as MVC frameworks, software architecture, and computer science fundamentals
- Created web apps and RESTful APIs using agile methodologies and project management tools like Trello
- Worked in teams, pairs, and individually to complete projects in 1-2 week sprints

**Web Design Specialist I** | CDK Global

July 2016 - February 2017

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

## Education

**Ada Developers Academy** - Seattle, WA

Computer Science and Software Development

**University of Washington** - Seattle, WA. B.A. Japanese Linguistics & Certificate in Localization: Language and Technology for the Global Market