Yosvany Blanco Otaño

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Experience

Amazon June 2019 — Present

Software Development Engineer II — Privacy *Austin, TX*

- Designed and implemented microservice using Java and Amazon Coral service framework for storing and retrieving privacy related data used by internal privacy audit service.
- Implemented internal privacy audit service using Python, Cloudformation, AWS Lambda, and AWS S3 which has cataloged over 25,000 services and has over 51,000 unique internal customers.
- Designed and implemented CSV import/export feature using Go, Typescript, React, S3, Lambda, SNS, SQS, and Postgres which has allowed 8500+ customers to manipulate data.
- Major contributor in migration of privacy audit service to a Go backend running on AWS Fargate from AWS Lambda and Python which led to roughly 66% reduction in request latency.
- Designed and implemented async process to ingest privacy (DSAR and deletion) data in realtime from sister services using SNS, SQS, Lambda, and Java.
- Implemented AWS Lambda interceptor using Node.js and Typescript which verified users visiting our website were authenticated simplifying our service authentication flow and improving security.
- Created CDK pattern which generates multiple AWS Lambdas and APIGateway from Smithy and OpenAPI allowing developers on the team to focus on writing business logic.
- Enhanced our product's reach to all development teams within Amazon by integrating with internal service review tool which is utilized for auditing production readiness.
- Researched and advocated for switch to internal service framework which helped reduce creation of base level production ready services from 1 month to under 2 weeks.
- Created reusable infrastructure patterns using CDK for AWS Lambda, S3, SNS, SQS, and internal pipeline to reduce team development time.
- Introduced reusable patterns in frontend React Cypress tests allowing developers to focus on testing their features.
- Improved the reliability of our software by implementing integration testing infrastructure using internal tool Amazon Hydra.
- Have owned many features end to end (backend, frontend, design, testing, support, etc..)
- Extensive experience with oncall, customer issue triage, runbook entries, data migrations, etc..
- Conducted 70+ interviews to identify and hire top software engineering talent.

General Motors June 2017 — June 2019

Software Developer — Manufacturing *Austin, TX*

- Designed and Implemented file validation system for internal audit tool using Java and Spring Boot with a presentation layer in Angular 2.
- Added authentication and authorization to Spring Boot service using JWT and internal identity service.
- Created reusable S3 client in Java reducing undifferentiated effort for the team.
- Added caching layer to Spring Boot service using Redis which reduced homepage load times by 80%
- Designed and implemented proof of concept clustered message filtering system using C#, Akka.Net and Akka.Net Cluster library for routing and surfacing plant floor robot issues.
- Added SonarQube code scanners to development pipeline improving code quality.
- Increased unit test coverage on legacy Java service to above 80% with meaningful tests.
- Migrated a legacy internal website to Spring boot and Angular from Spring and Java Server Pages.
- Created repeatable patterns for automated frontend tests using internal testing library leveraging Selenium.

Technical Skills

AWS: Lambda, S3, Fargate, DynamoDB, RDS, SNS, SQS, IAM, EventBridge, CDK, Cloudformation
Languages: Go, Java, Python, Typescript, Smithy
Frameworks/Libraries: React, Angular, JUnit, Spring Boot
Developer Tools: Git, Intellij, VSCode, Postman
Databases: Postgres, DynamoDB

Education

University of North Texas Denton, TX

Bachelor of Science in Computer Science *May 2017*