Yosvany Blanco Otaño

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EXPERIENCE

Amazon June 2019 — Present
Software Development Engineer II — Privacy *Austin, TX*

- Improved the reliability of our software by implementing integration testing infrastructure that uses repeatable patterns to identify and fix bugs early.
- 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.
- Created and managed pipeline infrastructure including introducing repeatable patterns for other developers to use in their services.
- Advocated for switch to internal service framework which greatly reduced undifferentiated work by creating reusable package patterns and proving performance and ease of use.
- Designed and implemented async process to ingest privacy (DSAR and deletion) data in realtime from sister services using SNS, SQS, Lambda, and Java.
- Introduced reusable patterns in frontend cypress tests allowing developers to focus on testing their features.
- Designed and implemented microservice for storing and retrieving privacy related data used by internal privacy audit service.
- Designed and implemented CSV import/export feature using S3, Lambda, SNS, SQS, and Postgres which has allowed 8500+ customers to manipulate large amounts of data without needing to interact with UI.
- Major contributor in migration of privacy audit service to a GoLang backend running on AWS Fargate which led to roughly 66% reduction in request latency.
- Implemented AWS Lambda interceptor simplifying our service authentication flow and improving security.
- Integrated privacy audit service with service review tool used by teams to audit production readiness.
- Introduced repeatable infrastructure package patterns using AWS CDK speeding up development time across the team.
- Implemented internal privacy audit service using Python, cloudformation, AWS Lambda, AWS S3, and internal pipeline tooling.
- Have owned many features end to end (backend, frontend, design, testing, support, etc..)
- Internal service has cataloged over 25,000 services and has over 51,000 unique internal customers.
- 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 clustered message filtering system using C#, Akka.Net and Akka.Net Cluster library for routing and surfacing plant floor robot issues.
- Designed and Implemented file validation system for internal audit tool.
- Added authentication and authorization using JWT and internal identity service.
- Implemented reusable S3 client reducing undifferentiated effort for the team.
- Added caching layer which reduced homepage load times by 80%
- Added code scanners to development pipeline improving code quality.
- Increased unit test coverage on legacy 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*