

# GENEVIEVE CONTY

## SOFTWARE ENGINEER

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## Summary

Software Engineer with 8 years of experience specializing in full stack development and cloud infrastructure. Demonstrated expertise in AWS technologies, including RDS, CloudWatch, CloudFront and Lambda, with a proven track record of delivering high-impact features and security improvements. Strong foundation in frontend development using React, TypeScript, and JavaScript, complemented by robust backend skills in Java and Python.

## Work Experience

### Software Development Engineer

Mar 2022 - Current

*Amazon Web Services (AWS) - AWS AppSync*

*Seattle, WA*

- Automated multi-tenant application deployment across 6 network regions using AWS CDK and CloudFormation, reducing development time by 15-20% per iteration.
- Architected and implemented Infrastructure as Code (IaC) solutions for cross-regional resource management, successfully deploying and maintaining DynamoDB, S3, IAM, and ACM resources across 6 regions.
- Designed and delivered simplified console experience for real-time subscription APIs, implementing automated CloudFormation infrastructure and intuitive tutorial-driven workflow for enhanced user experience.
- Spearheaded integration of event-based data sources into console, developing front-end components and multi-layered authorization support while ensuring cross-service compatibility.
- Independently designed and delivered SQL/Postgres functionality for AWS AppSync's RDS Javascript SDK utilities, implementing comprehensive security testing and feature parity across implementations.
- Led authorization model redesign initiative, collaborating with multiple service teams to optimize latency while maintaining robust security standards and service-specific requirements.
- Demonstrated excellence in on-call support by providing rapid incident response and resolution, performing root cause analysis under pressure, and maintaining effective stakeholder communication.
- Mentored junior engineers through regular technical guidance sessions, design reviews, and code reviews, resulting in successful project deliveries and team member growth.

### Software Engineer

Feb 2020 - Mar 2021

*Avalara*

*Seattle, WA*

- Managed high-traffic open source SDK repositories with 20k monthly downloads, implementing automated package updates that reduced development time from 5 days to 2 hours.
- Led time-critical redesign of company's SDK documentation platform, implementing GitLab CI/CD, automated testing, and AWS services (Lambda, S3, EC2) for improved delivery.
- Collaborated with key stakeholders to develop and implement strategic product demonstrations, directly contributing to customer acquisition efforts.
- Contributed to successful migration of flagship product to new framework pre-IPO, ensuring complete feature parity and timely delivery for company milestones.

## Skills

### Technology & Frameworks

TypeScript  
Java  
JavaScript  
Python  
GraphQL  
SQL / Postgres  
React  
Node.js  
Gatsby.js

### AWS Services

AWS CDK  
AWS CloudFormation  
AWS Lambda  
AWS S3  
AWS EC2  
AWS DynamoDB  
AWS IAM  
AWS CloudWatch  
AWS RDS  
AWS API Gateway

### DevOps & Security

Automated Testing  
Security and Authorization  
Infrastructure Automation  
Infrastructure as Code

### Leadership & Soft Skills

Technical Mentorship  
Stakeholder Management  
Cross-team Collaboration  
Incident Response

## Education

### Oregon State University

*BS CompSci* 2020

### Coding Boot Camp: UNC-CH

*Full-Stack Certificate* 2016

### UNC at Chapel Hill

*BA English* 2014