

# JOEL GEORGES

S O F T W A R E   E N G I N E E R



857-334-5974



georges1joel0@gmail.com



Boston, MA



/joelgeorges

## SKILLS

Java/Kotlin/Swift/Objective C

Javascript

React/React Native

Angular

Python

C/C++

Unix/Linux

Node

HTML/CSS

SQL/NoSQL

Junit

A.I. Development

AWS Technologies

Web/Mobile Development

## WORK EXPERIENCE

### Software Engineer

Amazon, Boston | January 2021 - October 2024

- Developed backend services and features using **React, Kotlin, Java, Swift, Objective-C, SQL**, and **AWS** (Lambda, SQS, S3) to deliver personalized marketing experiences for Amazon Music. This work boosted customer engagement and acquisition.
- Responsibilities consisted of:
  - Collaborated with stakeholders** to define user requirements and created comprehensive design documents for large-scale projects with minimal oversight.
  - Designed, implemented, and maintained code** for various products and features, emphasizing code reuse and efficient development practices.
  - Decomposed complex tasks** into manageable units, providing accurate estimates and facilitating smoother project execution.
  - Monitored system performance** and resolved issues on-call, ensuring system stability and timely restoration of services.
- Worked cross functionality with other teams to design/build/test (TestRail) a software solution on Amazon Music App (iOS, Android, Web) using Java, Kotlin, Swift, Objective-C and Javascript to give marketing the ability to attribute back to the original paid campaign across **20** different marketplaces from an unauthenticated customer which resulted in improving attribution by **54% (8.5MM events)** and increased signups by **50k** annually.
- Led a team of **3** engineers to design/build a microservice with a tight deadline using **AWS Tech** (CDK, Lambda, SQS, S3, DynamoDB) that enables marketing teams to target users who currently exist within the Amazon ecosystem in a privacy compliant way and suppress existing customers from acquisition paid campaigns which resulted in **\$13.5MM** in spend avoidance/savings. Also increase the level of targeting relevance for paid campaigns to provide an improved customer experience with Amazon Music ads.
- Designed a microservice in **Java** utilizing AWS technologies (Lambda, DynamoDB), which automated onboarding a music deeplink for iOS, Android, and Web. This resulted in saving about **480** developer hours a year.

## EDUCATION

**|| Bachelor's in Computer Science**

University of Massachusetts  
Boston