AUSTIN ATCHLEY

408 E 83rd St, New York, NY

(512) 560-3862 ⋄ austinatchley@gmail.com

WORK EXPERIENCE

Amazon Web Services, Inc.   August 2020 - August 2023
Software Development Engineer II   *Seattle, WA*
· Core developer for a Tier-1 service in AWS Security that delivers lifecycle events between Amazon and its subsidiaries. Currently serving 1 million requests per day across 3 regions using Java and serverless AWS technology
· Using AWS CDK, designed and implemented an infrastructure orchestration system, using TypeScript to automate deployments across an arbitrary number of accounts and regions for the distributed iteration of the service
· Solo-designed and implemented a Java SDK and infrastructure template that allows internal teams to convert asynchronous identity notifications from our service into synchronous API calls for their SCIM-compliant products, enabling a set of 20+ new use cases
· Collaborated with customer teams to onboard ∼ 15 identity stores (including Amazon, Whole Foods Market, Twitch, and Zoox) to the service, helping to enhance each organization's security. Led multiple customer meetings weekly to facilitate usage of the project and collaboratively problem solve service-to-service integrations

Amazon Web Services, Inc.   June - August 2019
Software Development Engineering Intern   *Seattle, WA*
· Constructed a full-stack application that helps internal Amazon developers implement secure OAuth OIDC authorization flows. Built using Spring Boot on EC2, DynamoDB for storage, and KMS for token signing

Amazon Game Studios   June - August 2018
Software Development Engineering Intern   *Irvine, CA*
· Designed and implemented a multiplayer game template packaged with the Amazon Lumberyard game engine
· Users of the template benefited from a ∼5 hour reduction in developer time spent on writing boilerplate code for each multiplayer project, including common utilities for client-server architecture and animation synchronization

EDUCATION

The University of Texas at Austin   *Graduated May 2020 with High Honors*
BS in Computer Science, BA in Plan II Honors   GPA: 3.81   Dean's List, Magna Cum Laude

PROJECTS

austinatchley.xyz
· Statically-served personal website built using Hugo and Markdown. Overly optimized for latency, using S3 to serve static files, CloudFront for CDN, and Lambda@Edge. Implemented cache invalidation deployment step

Message in a Bottle
· Full-stack web application that allows users to create, view, and share anonymous and ephemeral notes
· Written in TypeScript using Remix, React, PostgreSQL, and TailwindCSS. The infrastructure is hosted on Fly.io, and deployments are run through GitHub Actions, with an end-to-end testing suite created using Cypress
· Leverages Remix's seamless server and browser runtime to provide a snappy UX using progressive enhancement

Open-source contributions to AWS Cloud Development Kit
· Contributions to the AWS CDK project outside of my role, including the translation of a Construct for API Gateway WebSocket which was previously only available in CloudFormation

TECHNICAL SKILLS

Languages: Java, TypeScript   Previous experience with C, C++, Python, Kotlin
Cloud: AWS Lambda, API Gateway, DynamoDB, IAM, CloudFront, CDK, CFN, Route 53, SQS, SNS
Other Skills: Spring Boot, PostgreSQL, SCIM, OAuth, React, Remix, TailwindCSS, Hugo, Docker, CI/CD