

Michael Burdick

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Seattle, WA

Experience

Audible - Seattle, WA (Remote)

Software Development Engineer II

October 2022 - Present

- Developed for and supported the automated testing architecture used in the QA organization to test the Audible mobile app on iOS, Android, and FireOS, ensuring efficient runs of 1000+ tests against the UI and API layers of the app using Appium, Jenkins, and AWS Device Farm
- Integrated TestRail and Zephyr test case management systems in with our testing architecture, ensuring comprehensive metrics collection and reduction of redundant testing efforts

Microsoft - Seattle, WA

Software Engineer

March 2020 - October 2022

- Developed and deployed business features for and supported internal tooling used by hundreds of Azure software teams to manage action items based Azure organizational metrics
- Supported initiatives to migrate and prepare Azure services for deployment in new Qatar region in anticipation of FIFA World Cup, including developing a web application to assist with rollout of Availability Zone functionality to Azure Storage in the region.

Capital One - Plano, TX

Associate Software Engineer

September 2017 - March 2020

- Designed, developed, and provided live support for an AWS-based DevOps pipeline, leveraging ECS, Jenkins, and Lambda to support hundreds of push-button deployments a day
- Developed and deployed business features for a customer-facing application serving 50,000 users per month, and converted to Dockerized, microservice-based architecture

Education

Bachelor of Science in Computer Science

Bachelor of Arts in Arts and Technology (Game Design Focus)

The University of Texas at Dallas, Graduated Cum Laude Spring 2017

Software Projects

Full codebases, documentation, and additional projects at github.com/asylumrunner

Collection Manager (Flask, AWS Lambda, AWS API Gateway, AWS DynamoDB)

An API to help collect and manage information about a physical multimedia collection

Cast Through Time (React, Redux, Flask, AWS Lambda, AWS S3)

A web tool providing customized rules recaps for lapsed players of *Magic: The Gathering*

Spanish Verb Conjugator (React, Redux, Flask, AWS Lambda)

A web game for learning the conjugation of Spanish verbs with customizable parameters

Skills and Qualifications

- Proficient in: Java, Python, Javascript, Node.js, React, Angular, C#, Spring, and Groovy
- Skilled in the use of Docker, Kubernetes, Terraform, AWS CloudFormation, Chef, Jenkins, Github Actions, Azure DevOps, AWS Lambda, Splunk, Elastic Stack, and SQL (PostgreSQL & MySQL)
- Experienced with the AWS and Microsoft Azure Clouds