

ANNE NOONAN

Senior Associate Software Engineer

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anoonan11.github.io

EXPERIENCE

Capital One

Senior Associate Software Engineer

February 2022 – Present

Richmond, VA

- Developing Golang REST APIs hosted on AWS Lambda and Fargate as an abstraction to the Card business's financial core
- Built a posted transactions data pipeline using managed EMR with Spark

Associate Software Engineer

August 2020 – February 2022

Richmond, VA

- Enhanced resiliency, performance, cost, and security of cloud infrastructure for AWS RDS and S3
- Built full stack, automated dynamic statement generating engine using AWS Lambda, Golang, Gomplate, and Python
- Developed full stack, ADA-compliant React feature enabling customers to view their transaction history online
- Enabled real-time user activity tracking features that fed into custom dashboards of KPIs
- Created search engine for internal documentation repository using web-scraping, document indexing, and ElasticSearch

Deloitte Consulting

Analyst

July 2019 – August 2020

Pittsburgh, PA

- Analyzed indirect vendor spend and employee operational efficiency with SQL and VBA tools to inform sourcing strategies and staffing decisions and assess vendor criticality
- Developed scalable staffing model tool resulting in 100M USD in savings

SKILLS

Languages/libraries:

Python

Golang

React

JS/TS

Java

Angular

SQL

TensorFlow

HTML/CSS

Technologies:

AWS

Jenkins

Git

Docker

Kubernetes

ElasticSearch

Segment

Android

Postgres

PERSONAL PROJECTS

- **Fairness and Bias Analysis for Drug Consumption Model**- a drug consumption AI model with bias analysis and mitigation
- **Job Offer Comparison App**- enabled users to compare their current job with job offers in an Android app
- **CODA in the Wall**- created a virtual version of Hole in the Wall using TensorFlow's Posenet library and computer camera

For links and more, visit anoonan11.github.io/projects

EDUCATION

Master's in Computer Science, 4.00 GPA

Georgia Institute of Technology

August 2021 – Present

Atlanta, GA

Bachelor's in Chemical Engineering, Additional Major in Biomedical Engineering, 3.86 GPA

Carnegie Mellon University

August 2015 – May 2019

Pittsburgh, PA

CERTIFICATIONS

Solutions Architect – Associate

Amazon Web Services (AWS)

August 2021 – August 2024