Aisha Ahmed

612-385-2583 | Arlington, MA (Open to remote)

aisha.ahmed1@yahoo.com | linkedin.com/in/aahm2221 | github.com/aahm2221 | aahm2221.github.io

SUMMARY

Software Engineer with a strong background in computer science and experience in developing scalable web and cloud-based solutions. Proficient in various programming languages, frameworks, and cloud services. Skilled at working independently and in teams to deliver innovative solutions.

SKILLS

Languages: Java, Python, Go, C#, SQL, TypeScript, JavaScript, HTML, CSS
Frameworks: React, .Net, Node.js, Remix.js, REST, Bootstrap, GraphQL
Developer Tools: Git, Docker, VS Code, VS, Eclipse, IntelliJ, Jira, Github, SQLite, MySQL, MS SQL
Cloud Services: GCP, AWS, Lambda, DynamoDB, SQS, S3, AWS CDK

EDUCATION

Metropolitan State University — Dec 2021
Bachelor of Science in Computer Science — *St. Paul, MN*
- GPA: 3.9/4.0

CERTIFICATES

AWS Certified Developer - Associate — Sep 2023

PROJECTS

PoroRank | *Python, Lambda, DynamoDB, Docker* — Sep 2023 – Oct 2023
- Collaborated with a team to build a serverless web application hosted in AWS that ranks League of Legends esports teams, as part of a DevPost Hackathon
- Architected serverless architecture leveraging AWS services including API Gateway, Lambda, DynamoDB, SQS, S3, and CloudFront
- Led the development of a single-table design in DynamoDB, optimizing for performance and cost efficiency
- Developed AWS Lambda functions for rank retrievals and match processing, integrating retrieval functions with API Gateway for routing
- Utilized docker to containerize Lambda functions, enabling language flexibility and streamlining CI/CD processes

Essential Piece Fitness | *React, TypeScript, GraphQL, Sanity CMS* — Apr 2022 – Aug 2022
- Developed a personal training website using Remix.JS and Sanity headless CMS, enhancing user experience and centralizing content management
- Implemented Github workflows for continuous delivery, accelerating deployment cycles
- Integrated React app to self-hosted Sanity CMS via GraphQL APIs, optimizing data retrieval for low-bandwidth users

Emulator as a Service | *Node.JS, Express, REST, MySQL* — Sep 2021 – Dec 2021
- Collaborated on developing a Node.Js Nintendo Entertainment System emulator with cloud based Read-Only Memory(ROM) managment
- Designed and developed underlying SQL database structure, adhering to industry best practices
- Developed a RESTful backend service using Express for distributed ROM management

WORK EXPERIENCE

Reserve Teacher — Jan 2023 – Jun 2024
Minnesota Public Schools — *Minneapolis, MN*
- Managed classrooms in the absence of regular teachers, ensuring a consistent learning environment
- Executed lesson plans left by absent teachers to maintain continuity in student education

Peer Tutor — Jan 2018 – May 2018
Normandale Community College — *Bloomington, MN*
- Led group study sessions for introductory chemistry courses, fostering a collaborative learning environment
- Provided academic support and mentorship to students, enhancing their understanding of course material