Kareem Ismail

Software Engineer

American

LINKS

in LinkedIn

GitHub

CONTACT INFO

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ABOUT ME

A driven tech advocate with a thirst for learning & meeting new people. Have several years of experience as a Python, Java, & Full-Stack Engineer. Here's a portfolio website for a look at some personal projects and a more personal introduction.

TECHNICAL SKILLS

- Programming Languages: [Python, Java, TypeScript, JavaScript]
- Front End: [Angular, React]
- Back-End / API: [Spring Boot, Flask, Express]
- AWS: [Lambda, S3, SQS, ECS, EC2, Step-Functions]

EXPERIENCE

- *Application Engineer II* at **Vanguard** **(Malvern, PA, USA)**
  Largest provider of mutual funds and 2nd largest provider of ETFs.
  2021 - 2024
  - Updated, wrote and troubleshooted code for backend applications, addressing PROD issues, enhancing features, and introducing new functionalities.
  - Played a key role in the full SDLC, including creating ER diagrams, developing RESTFUL APIs, and implementing Lambdas for fund data sourcing and manipulation.
  - Supervised associate developers to ensure a secure and efficient engineering approach in software delivery.
  - Managed troubleshooting of PROD issues reported by traders/developers using Splunk and AWS, and migrated applications to the cloud.
  - Developed microservices for dynamic troubleshooting and operational improvements, collaborating with stakeholders and traders.

- *Software Tutor* at **Varsity Tutors** **(Remote, USA)**
  Innovative tutoring platform employing highly-skilled individuals.
  2021 - Present
  - Delivered comprehensive software, web, and game development instruction as an independent contractor, providing language lessons in Java, Python, TypeScript/JavaScript, and C#, introducing clients to frameworks like Spring Boot and React, creating projects, assigning homework, and facilitating lessons in game development and pixel art for a diverse clientele.

EDUCATION

- **Deutsche Internationale Schule Beirut**
  - Graduated in 2015

- ***Lebanese American University* - BS in Computer Science**
  - Graduated in 2020