Kareem Ismail

Software Engineer
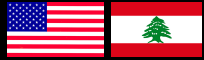
LINKS

in LinkedIn

GitHub

CONTACT INFO

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ABOUT ME

An experienced tech advocate with several years of experience as an Application Engineer and eager to contribute to an innovative and collaborative organization in a hands-on capacity as a Backend or Data Engineer.

TECHNICAL SKILLS

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

EXPERIENCE

- *Application Engineer II* at Vanguard (Malvern, PA, USA)

  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)

  2021 - Present

  - Delivered comprehensive software, web, and game development instruction as an independent contractor, providing language lessons in Java, Python, C#, and JavaScript, 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

Lebanese American University

- BS in Computer Science
- Graduated in 2020