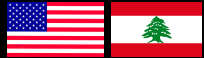


Kareem Ismail

Software Engineer



LINKS

 [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, creative, and collaborative organization in a hands-on capacity. Explore my [portfolio website!](#)

TECHNICAL SKILLS

- Programming Languages: [Python, Java, TypeScript, JavaScript]
- Front End: [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)***

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, 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

Lebanese American University

- BS in Computer Science
- Graduated in 2020