

Mitchell Mikulsky

SOFTWARE ENGINEER

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Software engineer looking to solve problems and build next generation applications on fast paced, innovative teams.

Work Experience

Capital One

Richmond, VA

SENIOR ASSOCIATE SOFTWARE ENGINEER

September 2022 – Present

- Enhance existing AWS lambda APIs, implementing versatile API interface for wider capability of clients
- Deploy and maintain 20 AWS lambda applications and infrastructure
- Contribute additional features to python APIs with postgres database calls
- Implement integration tests using behave framework
- Mentor and guide four senior VCU CS students to build an event driven financial processing application deployed on AWS

Richmond, VA

ASSOCIATE SOFTWARE ENGINEER

August 2021 – September 2022

- Developed and deployed cloud native Go API on AWS lambda fronted by ALB which inserted records into Cassandra DB
- Maintain Rewards Earn Engine platform - Java / Spark application groups which processes > 20M transactions/day
- Guided and drove new intent development, orchestrating conversations between product managers and technical teams
- Deployed components and updates using CI/CD principles on Jenkins pipelines
- Automated QA environment debugging process using Python to reduce QA support effort
- Instructed HTML/CSS concepts to 30 middle school students and mentor small groups through Capital One CODERS

Richmond, VA

CAPITAL ONE DEVELOPER ACADEMY

February 2021 – August 2021

- 6-month full stack software engineering bootcamp utilizing Javascript, HTML, CSS, React, Angular
- Developed back-end web applications and API utilizing RESTful patterns and MVC development framework
- Created dynamic front-end applications using Angular and React

Skills

Languages Python, Go, AWS, JavaScript, HTML, CSS, Node.js, SQL

Software React, Angular, Bootstrap, Git, GitHub, REST, Express, NoSQL, Docker, Microservices

AWS Serverless, Lambda, ALB, RDS, S3, IAM, Eventbridge

Other Leadership, problem solving, client centered thinking, collaboration, agile methodology, communication

Interests System design, backend development, entrepreneurship, prototyping, business development

Education

University of Wisconsin – Madison

Madison, WI

B.S. MECHANICAL ENGINEERING

August 2016 – December 2020

- Bachelor of Science: Mechanical Engineering
- GPA: 3.75

Notable coursework: Calculus I, II, III, Introduction to Robotics, Circuits, Linear Algebra and Differential Equations

Certifications

2021 **AWS Certified Solutions Architect – Associate**, Amazon Web Services