# Lamine Sunga

- **Matt Ligon**, Software Engineering Manager, DevOps
  **Lamine Sunga**, Software Engineer Intern, DevOps

# Agenda

- Introductions

- Projects

- Takeaways

- Wrap-up/Questions

# Lamine Sunga

Software Engineer Intern, DevOps

- Originally from Cameroon

- Moved to the US in 2017

- University of California – Merced

- Computer Science Major

- Projected Graduation Date – December 2022

- Fluent in French, English

# Projects

DevOps Team

- Octopus-as-Code with Terraform Templates

  - Convert deployment pipelines into IaC using Terraform templates

  - CI/CD pipelines co-exist with application code

- Checkmarx CxFlow project

  - Perform static code analysis/security scanning at lowest level in SDLC

- AWS Build Selenium Report Parser

  - Streamline automated testing by parsing out relevant error data from AWS S3 and pushing data to Slack

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# What did I learn?

DevOps Team

- Octopus-as-Code with Terraform Templates

  - Technologies: Octopus Deploy, Terraform, Containers

- Checkmarx CxFlow project

  - Technologies: Checkmarx, GitHub, AWS ECS/Fargate, Containers

- AWS Build Selenium Report Parser

  - Technologies: Python, AWS Lambda, AWS Cloudformation, AWS Codebuild, Slack API

# Takeways and Experiences

DevOps Team

- Octopus-as-Code with Terraform Templates

  - Convert deployment pipelines into IaC using Terraform templates

  - CI/CD pipelines co-exist with application code

  - Technologies: Octopus Deploy, Terraform, Containers

- Checkmarx CxFlow project

  - Perform static code analysis/security scanning at lowest level in SDLC

  - Technologies: Checkmarx, GitHub, AWS ECS/Fargate, Containers

- AWS Build Selenium Report Parser

  - Streamline automated testing by parsing out relevant error data from AWS S3 and pushing data to Slack

  - Technologies: Python, AWS Lambda, AWS Cloudformation, AWS Codebuild, Slack API

# Thank you.

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