

Isaac M

M.S - Information Technology
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DevOps Engineer - Traive

04/2022 - Present

- Designed and built multi-account AWS environment using best practices
- Improved security posture through enhanced secret management and auditing
- Instituted least privilege cloud infrastructure and account access for all principals
- Built infrastructure as code (IaC) using HashiCorp Terraform and CDK for Terraform
- Evaluated, selected, and managed the deployment of developer productivity tools

Software Engineer - Dow Jones

06/2021 - 04/2022

- Built systems that leverage machine learning to produce natural language content
- Built serverless microservices using AWS Step Functions, AWS Lambda, and DynamoDB
- Built infrastructure as code (IaC) using HashiCorp Terraform, AWS SAM, and Jenkins

Software Engineer Intern- GTT

06/2020 - 11/2020

- Wrote microservices that leveraged MQTT and IoT Core to control traffic IoT devices
- Built components of the user interface for the traffic priority control system
- Wrote unit, API, integration, and end-to-end tests to ensure system correctness

Software Engineer Intern- HC

05/2019 - 06/2020

- Built chatbots using C#, the Microsoft Bot Framework, and the Azure Bot Service
- Maintained and added features to web applications that power county services
- Built continuous integration/continuous deployment (CI/CD) pipelines

Skills

- Infrastructure-as-Code
- Automation and CI/CD
- Cloud-native Architecture
- Cloud Security Posture
- Cloud Spend Optimization
- Enhancing Developer Productivity

Tools

- Linux, Bash, Docker
- Python, Node.js, C#
- Kafka (Amazon MSK)
- GitHub, GitLab, Spacelift
- Terraform, Packer, CDKTF
- Kubernetes (EKS), Helm, Datadog
- Pytest, Terratest, Playwright, Locust