

## Felix Moronge

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### Education

**Temple University** — Philadelphia, PA

Bachelor of Arts in Computer Science, *Expected May 2025*

### Summary

DevOps Engineer with 2+ years experience automating cloud deployments and building CI/CD pipelines using AWS, Docker, Kubernetes, Terraform, and Jenkins. Delivered production-ready infrastructure for startups and AI-driven platforms, with a focus on scalability, reliability, and automation.

### Experience

**Wavform LLC**, Austin, Texas

*March 2023 - Present*

*DevOps Engineer Intern*

Sole DevOps engineer for Wavform's web platform to ensure scalability, automation, and deployment reliability.

- Built a hybrid CI/CD pipeline with GitHub Actions and Jenkins, reducing deployment time by 40%
- Integrated PostHog with Jenkins to enable analytics-based rollbacks and feature adoption-gated deployments
- Implemented Infrastructure as Code (IaC) using Terraform to provision AWS EC2, ALB, and Kubernetes clusters
- Deployed containerized services via Kubernetes with auto-scaling, service mesh, and blue-green deployment strategies
- Developed Firebase Cloud Functions (Node.js) to process real-time Firestore event triggers
- Secured infrastructure credentials using AWS Secrets Manager; managed environment configs with Helm
- Authored onboarding documentation and runbooks, reducing infrastructure ramp-up time by 60%

**Temple University**, Philadelphia, Pennsylvania

*April 2023 - Present*

*Technical Support Specialist*

- Provided IT support and troubleshooting for enterprise software (Adobe Creative Suite, Microsoft Office, Zoom), ensuring system uptime and user productivity.
- Assisted IT teams in deploying technology updates and automating system maintenance tasks, improving workflow efficiency by 20%.
- Diagnosed and resolved network connectivity, software installation, and system configuration issues in a fast-paced academic environment.

### Projects

**Full-Stack Developer -Applican**, *AI-Powered Resume Optimization tool*

- Designed, containerized, and deployed a full-stack SaaS platform using Docker, hosted on AWS EC2, and fronted with Nginx load balancing to ensure high availability and performance under concurrent traffic. Deployed live at <http://>.
- Implemented CI/CD pipeline using GitHub Actions and shell scripting, automating builds, testing, and deployment upon merging to main, ensuring availability of a production-ready build.
- Integrated AWS CloudWatch for centralized logging, real-time performance monitoring, and alert-based error diagnostics.
- Deployed backend using Express.js and Firebase Cloud Functions with secure, scalable APIs serving OpenAI-integrated logic.
- Applied DevOps best practices including modular service architecture, infrastructure-as-code, and system observability.

**Full-Stack Developer - StoryBuilder**, *AI-Driven Story Generation Tool*

- Containerized frontend and backend services using Docker and deployed to AWS EC2 with Nginx-based load balancing for traffic management and scalability.. Deployed live at <https://storybuilder.online>
- Developed shell scripts for container lifecycle management, automated image builds, and deployment from main via GitHub Actions.
- Enabled real-time observability by integrating AWS CloudWatch for performance tracking, logging, and error/failure alerts.
- Established full CI/CD automation pipeline via Github Actions and shell scripting, guaranteeing consistent deployment of a working version at all times.

- Consolidated services into a unified infrastructure to minimize cost and operational complexity.

**Founder & Lead Product Designer-Fabrics**, *Social Media Platform for Fashion Discovery*

- Created a data pipeline for CoreML-based user recommendation system, automatically retrained based on interaction metadata.
- Used Agile workflows and iterative feature releases backed by real-time analytics, optimizing infrastructure and app experience.

### Skills

AWS (EC2, S3, CloudWatch), Docker, Kubernetes, Terraform, Jenkins, Helm, GitHub Actions, Nginx, CI/CD, IaC, JavaScript (Node.js, React), Python, Bash, Java, Swift, C, Git, Agile, REST APIs, Monitoring, Logging, Secrets Management