Thomas Ferullo

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Skills

- SDLC Automation - Jenkins, GitLab CI, and CircleCI.

- Infrastructure as Code - Terraform, Ansible, AWS CDK, and CloudFormation.

- Monitoring & Logging - Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), and CloudWatch.

- Incident & Event Response - CloudWatch, Slack, and Microsoft Teams.

- Security & Compliance - GDPR and HIPAA using AWS Security Hub and CloudTrail.

- Containerization & Orchestration - Docker, AWS ECR, ECS, and Kubernetes.

- Cloud Services Management - AWS EC2, S3, RDS, Lambda, and other AWS services.

- Automation & Scripting - Python, Bash, and PowerShell.

- Database Management & Optimization - MySQL, PostgreSQL, MongoDB, DynamoDB, and REDIS.

Skilled in orchestrating DevOps practices, with expertise in integrating CI/CD tools like GitLab and AWS CDK to enhance scalability and reliability. Proficient in AWS services, SDLC automation, and fostering collaboration to drive operational efficiency and innovation.

Work History

DevOps Engineer
Exact Sciences Corp   *April 2024 - Current*

Manage and optimize PC and AWS environments using CI/CD tools like GitLab and AWS CDK to streamline workflows. Work with databases, bioinformatics workloads, and job schedulers to ensure scalability and efficiency. Implement cloud-based pipelines, application development, and automation to enhance reliability and performance.

DevOps Engineer
NU Borders LLC   *December 2021 - April 2024*

Designed, implemented, and maintained robust CI/CD pipelines and infrastructure to streamline development and deployment processes. Optimized monitoring tools and log aggregation systems for proactive issue detection. Applied security best practices to safeguard AWS cloud environments, ensuring compliance and data integrity, while automating backup and failover systems to enhance business continuity.

Junior Web Developer
Splendor Design   *May 2019 - December 2021*

Converted design mockups into responsive front-end code, ensuring seamless user experiences. Developed and maintained web applications, implementing bug fixes, updates, and new features to deliver high-quality, user-centric solutions.

Intern Software Developer
Srvdapp   *October 2018 - December 2018*

Assisted senior engineers in designing, developing, and troubleshooting applications and tools, gaining hands-on experience in applying best practices for efficient, scalable, and maintainable solutions.

Education

General Assembly at Washington, DC
Coding Boot Camp September 2018

Configured and optimized development environments, applying programming skills to systems, networks, and data structures. Developed and deployed full-stack web applications in cloud environments, ensuring scalability and reliability.

Certifications

AWS Certified DevOps Engineer - Professional
AWS Certified Cloud Practitioner
Scrum Alliance - Certified ScrumMaster