Thomas Ferullo

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Dynamic Software and DevOps professional with a proven track record of orchestrating efficient development pipelines and integrating CI/CD tools like GitLab and AWS CDK to deliver scalable, reliable solutions. Expert in leveraging AWS services and automating the SDLC to streamline operations, reduce deployment times, and boost system performance. Adept at fostering cross-functional collaboration, driving innovation, and enabling teams to achieve operational excellence in fast-paced, high-impact environments

Skills

SDLC Automation	Infrastructure as Code
Monitoring & Logging	Incident & Event Response
Security & Compliance	Containerization & Orchestration
Cloud Services and Database Management	Automation & Scripting

Certifications

- Licensed AWS Certified DevOps Engineer – Professional - Dec 2023 – Dec 2026
- Licensed AWS Certified Cloud Practitioner - Nov 2021 – Dec 2026

Work History

DevOps Engineer
Exact Sciences Corp   *April 2024 - Current*

Led the design and optimization of hybrid PC and AWS environments, leveraging CI/CD tools such as GitLab and AWS CDK to streamline complex workflows and reduce deployment times by 30%. Orchestrated the management of databases and bioinformatics workloads, ensuring scalability and operational efficiency across diverse applications. Spearheaded the development of cloud-native pipelines, automation frameworks, and robust application architectures, which enhanced system reliability and reduced AWS costs by 40% through resource optimization and strategic scaling.

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

Designed, implemented, and maintained resilient CI/CD pipelines and infrastructure, reducing deployment time by 50% and empowering teams to deliver features faster and more reliably. Optimized monitoring tools and log aggregation systems, enabling proactive issue detection and decreasing incident resolution times by 75%. Championed the application of security best practices to safeguard AWS cloud environments, achieving full compliance and fortifying data integrity. Automated backup and failover systems to enhance business continuity, ensuring 99.9% uptime and seamless recovery during critical events.

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

Translated design mockups into responsive, high-performance front-end code, ensuring seamless and intuitive user experiences across devices. Played a key role in developing and maintaining dynamic web applications,

delivering new features and updates that increased user engagement. Proactively identified and resolved bugs, improving application stability and reducing downtime by 50%, while consistently delivering high-quality, user-centric solutions that aligned with stakeholder goals.

Intern Software Developer

Srvdapp   *October 2018 - December 2018*

Collaborated with senior engineers to design, develop, and troubleshoot applications and tools, gaining invaluable hands-on experience in crafting efficient, scalable, and maintainable solutions. Contributed to the successful delivery of key projects by implementing best practices, optimizing code performance, and resolving complex technical issues, which improved system reliability and reduced debugging time by 25%. Demonstrated a proactive approach to learning and problem-solving, consistently adding value to team objectives.

Education

General Assembly at Washington, DC

Web Development in Software Engineering   September 2018

Configured and optimized development environments to support seamless project execution, applying programming expertise in systems, networks, and data structures. Designed, developed, and deployed full-stack web applications in cloud environments, ensuring high scalability and reliability. Delivered projects that improved application performance and gained hands-on experience with modern tools and methodologies, building a solid foundation for solving real-world technical challenges.