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STEPHAN LAMOUREUX
DevOps & Cloud Engineer

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github.com/stephanlamoureux
wheresteve.codes

Army & Air Force Veteran with 4+ years of expertise in aviation cargo management (using industry software for precision loading) and 7+ years of Operations and Logistics Management, transitioning to DevOps and Cloud Engineering. I hold a BS in Business Administration and am finishing a BS in Cloud Engineering. I have 2+ years of experience in hands-on projects in front-end development/ UX design and application deployment.

- **Technologies:** Git/GitHub, Docker, Kubernetes, Terraform, Ansible, AWS, CI/CD, Linux
- **Languages:** JavaScript, Python, SQL, HTML, CSS, BASH

Certifications and Technology Bootcamps

- **Code Platoon - DevOps and Cloud Engineering Bootcamp,** Chicago, IL **MAR 2024**
- **Vets Who Code - Full-Stack Software Engineering Bootcamp,** Remote **OCT 2021**
- **Certifications:** AWS Certified Cloud Practitioner

Projects

PokeClone Application Deployment on AWS EKS, github.com/stephanlamoureux/pokeclone-kubernetes

- Streamlined development workflows by automating the app's deployment to Amazon EKS using GitHub Actions.
- Demonstrated cloud-native deployment skills by utilizing EKS for efficient resource organization, including namespaces and quotas.
- Ensured consistency across development and production environments by packaging applications in Docker containers.
- Managed application data effectively using Amazon RDS for PostgreSQL, ensuring scalability and security.

Deployment of Full Stack Flask App on AWS, github.com/stephanlamoureux/todolist-terraform-ansible

- Utilized Ansible and Terraform to efficiently deploy and manage a Flask application on AWS, focusing on cloud infrastructure and automation.
- Orchestrated creation of AWS resources, such as Linux servers and S3 static hosting, using Terraform to ensure secure and optimized setup.
- Developed custom Ansible roles and playbooks for seamless app and MySQL deployment, incorporating secure credential management with Ansible Vault.

Windows Development Guide, github.com/Vets-Who-Code/windows-dev-guide

- Authored a comprehensive Windows Development Guide to assist new students in setting up Windows for development. The guide addresses the gap in existing macOS-centric documentation.
- Covers various topics, including WSL installation, Windows Terminal setup, Git configuration, Zsh, Node.js, Chocolatey, browser extensions, Python and Ruby environments, Docker, and more.
- Gained significant recognition with over 200 stars on GitHub and was translated into Chinese, highlighting its usefulness and popularity.

Job Search Feature Integration, VetsWhoCode.io

- Collaborated with a cross-functional team to integrate a job search feature using React and the Adzuna API, adding significant value to the web app with a tailored job search tool for veterans.
- Ensured high code quality by writing unit tests, achieving 90% coverage.
- Negotiated using a premium API, saving the program $12,000 and enriching the feature's capabilities.

Work Experience

Director of Operations   **Kwik-Hang**   **FEB 2019–Present**
North Attleborough, MA

- Integrated Shopify plugins with inventory management and shipping software, reducing order processing time by 40% while minimizing inventory errors and enhancing customer satisfaction.
- Led expansion into Canadian and Australian markets, driving brand growth and new revenue streams through targeted market analysis and digital marketing strategies.
- Negotiated competitive rates with all major shipping vendors, resulting in over $182,000 in savings for the company and improved consumer benefits.

Warehouse Manager   **Overhead Door Company**   **2016–2019**
Stoughton, MA

- Managed seven technician teams and maintained company assets, ensuring efficient operations and personnel training.
- Demonstrated adaptability and technical problem-solving by swiftly scheduling and making operational adjustments in response to unforeseen challenges.
- Accurately calculated billing for all projects and efficiently processed payments. Proactively managed procurement of parts and equipment, achieving a 100% job completion rate through meticulous planning and resource allocation.

Aircraft Loadmaster   **U.S Air Force**   **2012–2016**
Multiple Locations, USA

- Precisely calculated cargo, passenger, and fuel placement to maintain optimal aircraft center of gravity, ensuring flight safety and efficiency.
- Coordinated with customs, agriculture, and government agencies globally to ensure smooth mission execution and compliance.
- Developed and delivered educational content on aircraft systems and procedures, effectively teaching in classroom and individual settings.

Education

- **Western Governors University - B.S. Cloud Engineering,** Salt Lake City, UT   **PRESENT**
- **Western Governors University - B.S. Business Administration,** Salt Lake City, UT   **DEC 2020**
- **Community College of the Air Force - A.A.S. Aviation Operations**, Montgomery, AL   **DEC 2013**