

THOMAS FORD

SENIOR DEVOPS & SOFTWARE ENGINEER

Lubbock, TX 79403 | (818) 697- 1506 | thomasford3344@gmail.com | linkedin/in/thomas-fords-7ab744393

Professional Summary

Senior DevOps Engineer with 10+ years of experience in cloud infrastructure, CI/CD pipelines, Kubernetes, and AWS. Experienced in building and maintaining high-availability systems, automating deployments, and implementing monitoring, logging and alerting for production environments. Background in Python and Java development, security-focused platforms, and cross-functional collaboration. Proven ability to improve reliability, scalability, and operational efficiency in remote, fast-paced environments.

Skills

- Cloud Platforms: AWS, GCP, Azure
- Infrastructure as Code: Terraform, Ansible, CloudFormation
- Containers & Orchestration: Docker, Kubernetes, Helm
- CI/CD & Automation: Jenkins, GitHub Actions, GitLab CI, Bitbucket Pipelines
- Version Control: Git, GitHub, GitLab, Bitbucket
- Programming & Scripting: Python, Java, Bash, PowerShell
- Cloud Networking: VPC, Subnets, Load Balancers, DNS, VPN, Security Groups
- Monitoring & Logging: Prometheus, Grafana, CloudWatch, ELK Stack
- Security & Compliance: IAM, Secrets Management, SOC2, HIPAA, Secure CI/CD
- Operating Systems: Linux (Ubuntu, CentOS), Windows Server
- Databases & Messaging: PostgreSQL, MySQL, Redis, Kafka
- Microservices & Architecture: Microservices, REST APIs, Event-Driven Systems
- DevOps Practices: Automation, High Availability, Scalability, Reliability Engineering
- Agile & Collaboration: Agile, Scrum, Jira, Cross-functional Collaboration
- Soft Skills: Teamwork & Communication, Problem-Solving

Experience

Senior DevOps Engineer, 04/2021 to Present

Vieaura Inc. | Remote

- Built CI/CD pipelines in Bitbucket to support OPTRIX's Operational Intelligence, ensuring reliable, repeatable deployments.
- Managed scalable Kubernetes clusters on AWS, delivering high availability for OPTRIX's real-time spatial awareness features.

- Set up monitoring, logging, and automated deployments on AWS to support OPTRIX's adaptive Intelligent Guidance system.
- Improved workflows by refining Jira processes, automating infrastructure tasks, and standardizing environments for the OPTRIX no-code platform.

DevOps Engineer, 05/2018 to 03/2021

RevBits LLC | Remote

- Supported security product features in Python and Java for platforms including RevBits CIP/XDR, Email Security, EDR, and Zero Trust.
- Built and optimized backend components to improve threat detection, access control, and incident response.
- Translated penetration-testing and vulnerability findings into product enhancements.
- Performed code reviews, debugging, and testing to ensure secure and reliable software.

Systems Engineer, 08/2015 to 05/2018

EBQ | Austin, TX

- Maintained backend systems using Java and Python to support core website functionality and internal business workflows.
- Designed and implemented RESTful APIs and database structures for dynamic content and efficient data processing.
- Integrated backend services with internal tools and systems to improve operational efficiency and data flow.
- Collaborated with designers and stakeholders to deliver new features, resolve issues, and optimize system performance.

Education

Bachelor of Engineering in Computer Science, 09/2011 to 05/2015

Texas A&M University | Kingsville

Certifications

- HashiCorp Terraform Associate (003)
- Problem Solving (Hackerrank)