THOMAS FORD

Senior DevOps & Software Engineer

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EDUCATION

March 2017
B.Eng.: Computer Science
Texas A&M University

PROFESSIONAL SUMMARY

Senior DevOps and Software Engineer with **8+ years** of experience building scalable cloud infrastructure, automating deployments, and developing reliable backend systems. Skilled in Kubernetes, GCP, Bitbucket, Jira, Python, and Java, with a strong track record of supporting intelligent, data-driven platforms like OPTRIX and contributing to next-gen cybersecurity products at RevBits. Adept at improving delivery pipelines, optimizing system performance, and collaborating across teams to deliver secure, high-quality software. Known for clear communication, fast problem-solving, and driving efficiency in fast-paced, complex environments.

WORK HISTORY

April 2020 - November 2025
Vieaura Inc. - DevOps Engineer (Remote), Alpharetta, GA
- Built CI/CD pipelines in Bitbucket to support OPTRIX's Operational Intelligence, ensuring reliable, repeatable deployments.
- Managed scalable Kubernetes clusters on GCP, delivering high availability for OPTRIX's real-time spatial awareness features.
- Set up monitoring, logging, and automated deployments on GCP 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.

May 2018 - March 2020
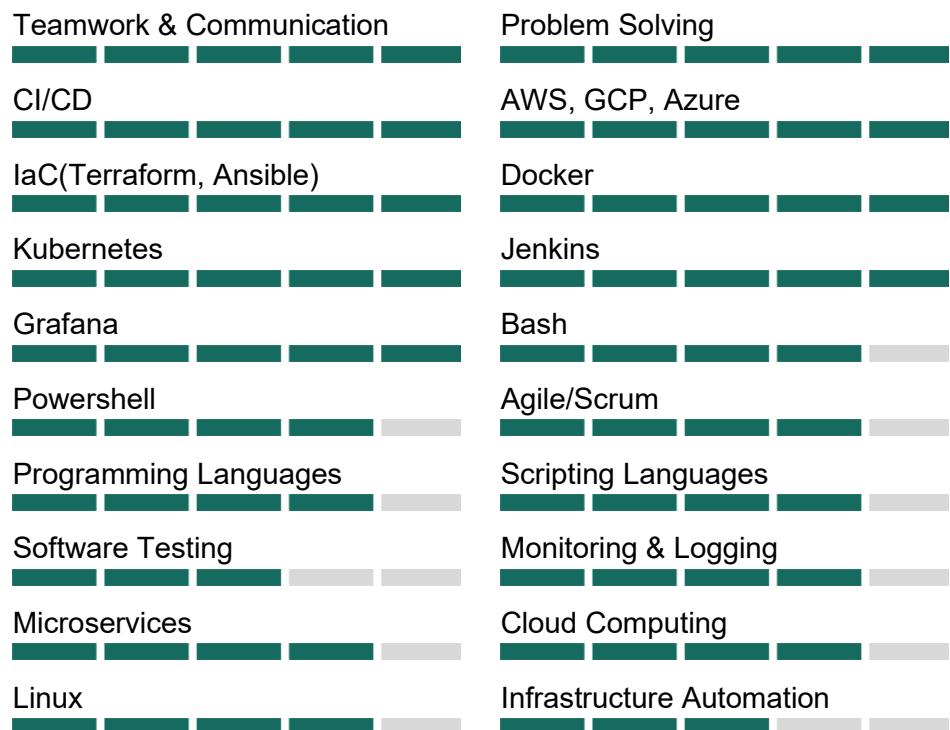**RevBits LLC - Software Engineer** (Remote), Mineola, NY
- Developed security product features in Python and Java for platforms including RevBits CIP/XDR, Email Security, EDR, and Zero Trust.
- Built and optimized backend components to improve threat detection, access control, and incident response.
- Translated penetration-testing and vulnerability findings into product enhancements.
- Performed code reviews, debugging, and testing to ensure secure and reliable software.

April 2017 - May 2018
EBQ - Full Stack Software Developer (On-site), Austin, TX

- Developed 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.

SKILLS

Teamwork & Communication	Problem Solving
CI/CD	AWS, GCP, Azure
IaC(Terraform, Ansible)	Docker
Kubernetes	Jenkins
Grafana	Bash
Powershell	Agile/Scrum
Programming Languages	Scripting Languages
Software Testing	Monitoring & Logging
Microservices	Cloud Computing
Linux	Infrastructure Automation

CERTIFICATIONS

HashiCorp Terraform Associate (003)

Problem Solving (Hackerrank)