Thomas Ford

Senior DevOps & Software Engineer

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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

DevOps Engineer

Vieaura Inc, Alpharetta, GA

Apr 2020 - Nov 2025

- 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.

Software Engineer

RevBits LLC, Mineola, NY

May 2018 - Mar 2020

- 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.

Full Stack Software Developer

EBQ, Austin, TX

Apr 2017 - May 2018

- 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.

Education

Mar 2017

Bachelor of Engineering: Computer Science
Texas A&M University

Skills

Teamwork and collaboration ●●●●●

Problem-solving ●●●●●

Scripting languages ●●●●●

Monitoring and logging ●●●●●

Infrastructure automation ●●●●○

Configuration management ●●●●○

Continuous integration ●●●●●

Continuous deployment ●●●●●

Software testing ●●●●○

Version control systems ●●●●●

Software development ●●●●●

Cloud computing ●●●●●

Certifications

Dec 2025

Problem Solving, *Hackerrank*
https://www.hackerrank.com/certificates/iframe/2962c3079fd3