

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

- Apr 2020 - Nov 2025 DevOps Engineer**
Vieaura Inc, 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 - Mar 2020 Software Engineer**
RevBits LLC, 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.
- Apr 2017 - May 2018 Full Stack Software Developer**
EBQ, 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.



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>