

# 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>