



Ryan Bulcher

APPLICATION ENGINEER · PRODUCT BUILDER · CINCINNATI, OH

rjbulcher@gmail.com · linkedin.com/in/ryan-bulcher-60797a149 · github.com/rbulcher · ryanbulcher.com

01 SUMMARY

Product-minded application engineer who takes software from concept to user base end to end, across web, mobile, browser extensions and cloud infrastructure. Designs the system and uses AI agents as a force multiplier, then personally QAs, security-reviews and validates every result before it ships.

02 EXPERIENCE

Application Engineer · InfoTrust

JUN 2025 - PRESENT

- Build **InfoTrust Suite**, an enterprise platform for ad-tech monitoring, governance and remediation at mass scale.
- Platform landed a **six-figure first contract** with a global food & beverage company.

Tag Management & Analytics Engineering · InfoTrust

JUN 2022 - JUN 2025

- Built and shipped Tag Explorer and Consent Mode Inspector, Chrome extensions with **70,000+ users combined**.
- Built InfoTools (since retired), an internal Vertex AI assistant connected to Confluence that summarised pages, emails and videos.
- Delivered GTM, server-side GTM, Tealium iQ and consent work for enterprise clients, including Tealium iQ for **Carnival Cruise Line** and internal automation across thousands of **Planet Fitness** locations.

Founder · 3D Print Co.

2024 - PRESENT

- Run a 10+ printer print farm alongside a full-time engineering role: **40,000+ handmade keychains sold**; peak month ~\$35,000.
- Grew TikTok to 6,000+ followers with viral videos reaching millions of views; built the farm's wall dashboard (Bambu printers, go2rtc cameras, TikTok Shop sales ticker).

Software Engineer Intern · Cincinnati Incorporated, Harrison, OH

MAY - AUG 2021

- Built a C# utility that parsed machine output files into SQL.

03 SELECTED PRODUCTS

Tag Explorer CHROME EXTENSION

~50,000 users

Monitors network requests and debugs tracking tags in the browser.

Consent Mode Inspector CHROME EXTENSION

~20,000 users

Decodes Google Consent Mode (v1/v2) gcs and gcd parameters into a readable consent-state table.

InfoTrust Suite ENTERPRISE PLATFORM

Six-figure first contract

Monitoring and governance across enterprise ad tech, with built-in remediation that applies fixes at mass scale.

CalTrak IOS + ANDROID APP · CALTRAK.APP

~2,500 downloads · ~500 active users

Free, private calorie and macro tracker with no ads, accounts or subscriptions, native in Swift/SwiftUI and Kotlin/Compose. Five ways to log a meal (barcode, search, AI description, photo, custom) through a zero-dependency Node proxy.

Trainer's PC MOBILE + WEB APP · TRAINERPC.COM

227 ms median scan · [LAUNCHING SOON](#)

Pokémon and Riftbound card collection app with real-time camera scanning on a GPU pipeline (CLIP, FAISS, ORB, OCR) over ~60,000 products. Expo app and Node/Hono/Postgres API; ~30,000 lines in about six days of commits.

04 SKILLS & TOOLING

PRODUCT & SYSTEMS	System design and architecture, fast prototyping, frontend, end-to-end delivery
PLATFORMS	Swift/SwiftUI, Kotlin/Compose, React Native/Expo, Chrome extensions, Node.js, Hono, Postgres, C#, SQL
AI	Claude Code, OpenAI Codex, T3 Code; Vertex AI, Gemini; computer vision (CLIP, FAISS, ORB, OCR)
AD TECH	Google Tag Manager, server-side GTM, Tealium iQ, Google Consent Mode
INFRASTRUCTURE	Cloudflare (Tunnels, Workers, DNS), Tailscale, self-hosting, cloud hosting, Linux

05 EDUCATION

Miami University · Oxford, OH · B.S. Software Engineering

2018 - 2022