

# Nick Babcock

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Software engineer with 10+ years of fullstack and tech lead experience. Principal developer of flagship products from startups to big tech. Passionate about upleveling myself and my teams.

## EMPLOYMENT

### **Dropbox - Senior Software Engineer (IC4) - (Jan 2024 - Nov 2024):**

Growth tech lead for new product initiatives with payments and marketing plays for 10M ARR

- Instituted **React** modernization, **Python** performance, and streaming upload engine overhaul
- Delivered company-wide conference talks on styling, optimizations, and state mental model

### **Dropps - Principal Software Engineer - (May 2021 - Jan 2024):**

Scaled operations, engineering department, and ecommerce site during pandemic surge

- Architected resilient, serverless product flows for 500,000+ subscriptions in **GCP** and **Node.js**
- Compiled site speed audit. Results: perfect CLS from failure, and 2x improvement in other vitals
- Championed error monitoring, CI/CD, code review, and **Docker** development environment
- Enacted accessibility standards in defense against drive-by lawsuits and \$100k's in expenses
- Initiated adoption of server side **Hydrogen React** and headless components for LCP performance

### **TotalCAE - Lead developer (employee #1) - (May 2012 - May 2021):**

Built flagship High Performance Computing (HPC) web portal in **Python** and **React**

- Optimized cluster analytic engine 10,000x for world's biggest customers with **Rust**
- Cut REST API server costs by 96% in rewrite with **Java's Dropwizard** web framework and Postgres
- Wired a suite of application monitoring, alerts, and dashboards with **Grafana** and **Graphite**
- Leveraged **Postgres** for double-entry bookkeeping solution in hybrid cloud accounting
- Grew dev team 5x who iterated on bespoke partner problems within hours
- Implemented reliable ETL pipeline and webhook publisher with **RabbitMQ** message queues

## PROJECTS AND OPEN SOURCE HIGHLIGHTS

- Authored open source libraries with over **2 million downloads** in Rust, C#, JS, and F#
- Over 140 [technical articles written](#) with several featured on Hacker News and widely circulated
- [Dropwizard](#) (8.4k stars): Java web framework **core contributor** alumnus with 100's of commits
- Provided consultation services for companies on adopting **Rust** with **Wasm**

## EDUCATION

Bachelor of Science Engineering from the **University of Michigan**. Graduated Magna Cum Laude in 3½ years while professionally coding near full time. Hand selected by professor for **AI** competition.