Mike Hockerman

Full stack Software Engineer with a demonstrated history of producing high quality, customer focused solutions to real problems, spanning web, backend systems, and infrastructure.

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Experience

Cloudflare

Systems Engineer, API & Zones | Apr 2022 – Present
- Architected & implemented new API and domains-facing platform features for Enterprise customers including opt-in domain security enhancements and API access over mTLS.
- Modernized dozens of legacy workloads from traditional servers to Kubernetes.
- Responded to high severity on-call incidents affecting millions of customers and internet users.
- Implemented observability and alerting improvements across our services which helped identify and allow us to triage systemic issues more quickly.

Structural

Senior Software Engineer | Feb 2020 – Apr 2022
Software Engineer | Feb 2016 – Feb 2020
- Shipped countless product features spanning Structural's Typescript & Node.JS backend and React frontend, including user sign-in and authorization, bulk user importing, business metrics tracking, the in-app admin panel, and more.
- Owned and maintained all cloud deployed assets on AWS, evolving our deployment strategy over the years from a single EC2 instance, to adopting Docker, Kubernetes, and eventually AWS ECS.
- Acted as engineering point-of-contact on security reviews and compliance, including four years of successful SOC-2 Type II audits.
- Led the implementation of a variety of system monitoring and instrumentation capabilities, including alerting, refining our on-call procedures, logging, and distributed tracing, generally with Datadog.

Yelp

Software Engineering Intern | May – Aug 2015
- Optimized log search times in a MySQL-sourced data pipeline for business analytics, and engineered a mapping/filtering system to flag and censor personally identifiable information within the pipeline.

Education

Purdue University | West Lafayette, IN

B.S. Computer Science (2015)
Minor in Organizational Leadership & Supervision

Projects

*A full listing of open source & project work is available on Github: **https://github.com/mhoc***