



Mike Hockerman


Full-Stack Software Engineer

Experienced 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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 github.com/mhoc

 Indianapolis, IN

EXPERIENCE

Structural

Senior Software Engineer | 2020 - Now | Indianapolis, IN
Software Engineer | 2016 - 2020 | Indianapolis, IN

Bringing together people data from across an organization to create stunningly rich profiles in an all-in-one people directory

- Provisioned and maintained all cloud infrastructure for the platform, utilizing Kubernetes, Docker, and other AWS-native services
- Planned and executed the migration of Structural's entire backend system from Meteor to NodeJS, Typescript, and GraphQL
- Assisted in a successful SOC2 Type-II certification, including the implementation and continued execution of regular security reviews, system role-based access control, encryption protocols, and disaster recovery

Yelp

Software Engineering Intern | 2015 | San Francisco, CA

Connecting people with great local businesses

- Attached to the Business Analytics & Metrics Team.
- Optimized log search times in a MySQL-sourced data pipeline system for business analytics
- Constructed a field mapping system to identify, flag, and censor PII inside the pipeline

Interactive Intelligence (Genesys)

Software Engineering Intern | 2014 | Indianapolis, IN

Building lasting customer relationships

- Attached to the PureCloud Content Management Team
- Built and deployed backend systems to ingest and index uploaded documents for full text search
- Applied optical character recognition technology, image manipulation, and automated barcode and QR code detection

PROJECTS

A full listing of open-source projects can be found on my Github, linked above.

Xtern Matcher

<https://github.com/mhoc/xtern-matcher>

Officially used by the TechPoint Xtern team to power matching between companies and Xtern candidates during finalist day

msgoraph

<https://github.com/mhoc/msgoraph>

In progress golang library to authenticate and fetch data from the Microsoft Graph API

EDUCATION

Purdue University

B.S. Computer Science | 2015 | West Lafayette, IN
Minor in Organizational Leadership and Supervision

COMMUNITY

Women Investors Network

Consultant | 2019 - Now | Indianapolis, IN

Empowering women in the financial industry through outreach, networking, and mentorship

- Oversaw the design and implementation of technical systems within the network, including online accounts, mailing lists, domain management, and the primary marketing website

TechPoint Indy Tech Fellowship

Curriculum Chair | 2016 - 2018 | Indianapolis, IN

Crafted to place developers, designers, and product managers with leading companies where they can hone their skills, fast-track their careers, and impact our community

- Managed the planning and execution of professional development, personal development, and community networking opportunities for the inaugural classes of the Tech Fellowship
- Worked with a committee to orchestrate events around these themes, utilizing resources and contacts in the Indianapolis tech community to lay Curriculum foundations for years to come

SKILLS & BUZZWORDS

I don't use the title "full-stack engineer" lightly; I believe that an all-encompassing understanding of an entire system, from the presentation to the data and infrastructure, is critical for both product development and stability.

Frontend

React, React Native, Redux, Typescript, Javascript

Backend

NodeJS, Typescript, Golang, Python, Rust, REST, GraphQL, queuing & pub/sub design patterns, transactional email templating

Infrastructure

AWS services including EC2, IAM, S3, SQS, SNS, Lambda, and DynamoDB. MongoDB, Kubernetes, Docker, centralized logging, distributed tracing

Miscellaneous

OAuth2, SAML2, infrastructure hardening, monitoring