

Matt Heisig

Moscow, ID 83843

matt@heisig.io

+1 865 356 7621

Authorized to work in the US for any employer

Work Experience

Engineering Manager

Truly - San Francisco, CA

February 2021 to Present

- Refactored a video meeting recording product to a more efficient architecture and reduced annual operating cost by \$50k.
- Resolved a long-standing WebRTC audio bug that accounted for roughly 30% of all support tickets over the prior four years. Applied a novel audio monitoring concept to debug, analyze, and resolve.
- Simplified team workflow and tooling. Reduced administrative overhead and unnecessary meetings by 50% and eliminated \$20k/year in SaaS tools.
- Led the analysis, negotiation, and migration effort from an expensive SaaS infrastructure monitoring tool to a competing tool that resulted in saving \$80k/year.
- Routinely contributed to daily engineering efforts with features and bug fixes in Clojure and Typescript codebases, Android, iOS and React Native apps, and AWS architecture.
- Oversaw initial SOC2 compliance certification and annual audits.

Front End Tech Lead

Truly - San Francisco, CA

February 2020 to Present

- Led a team of frontend engineers in building a React Native app with a turn around time of 10 weeks to initial user testing.
- Managed a large React / Typescript codebase deployed across mobile, web, and desktop (Electron) interfaces.
- Led an initiative to standardize unit testing in our frontend code and increased test coverage from <30% to nearly 80%.
- Worked closely with the CEO and designers to spec out and plan the company's next generation mobile app.

Lead Software Engineer

InVisionApp - New York, NY

March 2017 to February 2020

- Worked on multiple teams to break up an existing monolith into a new microservice architecture.
- Built multiple frontends from scratch in React, Typescript, Flow and Redux.
- Built numerous Golang APIs to serve team management and billing functions.
- Worked extensively with Zuora integrations to build out the company's new billing system.
- Led efforts to standardize logging and reporting via Datadog.

Architect

Bugaboo.io

June 2017 to March 2019

- Worked closely with the CEO to develop the first iteration of a web app to help backpackers connect and manage their gear.
- Built the entire tech stack: Postgres database connected to multiple Golang services with a React frontend.
- Hired and managed another engineer who was brought on to help with frontend development.

Software Engineering Manager

EMSI - Moscow, ID

July 2014 to February 2017

- Led a team of five engineers in breaking apart a PHP monolith into a modern microservice architecture.
- Led the modernization of DevOps practices at the company in moving to CI/CD and moving off bare metal servers to AWS.
- Hired and trained numerous engineers.
- Worked daily with the CEO, CTO and various product managers to sell and deliver the largest contract in company history.
- Led the establishment of Agile practices at the company.

Senior Front End Engineer

Scripps Networks - Knoxville, TN

January 2011 to July 2014

- Worked on numerous high-traffic frontends for Food Network, DIY, and HGTV.
- Embedded with a group that built out the next generation content management system.
- Modernized the deployment process for Food Network and HGTV and reduced deployment time by almost half.

Education

Bachelor's in English Literature

University of Maryland-Baltimore County - Baltimore, MD

2005

Skills

- APIs (10+ years)
- JavaScript (10+ years)
- REST (10+ years)
- React (7 years)
- MySQL (5 years)
- Git (10+ years)
- Agile (10+ years)
- GraphQL (2 years)
- Typescript (5 years)

- Go (2 years)
- React Native (2 years)
- AWS (5 years)
- MongoDB (2 years)
- CSS (10+ years)
- User Interface (UI) (10+ years)
- JSON (10+ years)
- Node.js (8 years)
- Unit Testing (10+ years)
- GitHub (8 years)
- Microservices (8 years)
- English
- Front-End Development (10+ years)
- Docker (5 years)
- HTML5 (10+ years)
- AWS (5 years)
- Management (5 years)

Languages

- English - Fluent

Links

<https://github.com/mheisig>

<https://www.linkedin.com/in/mheisig>