Ian Thomas

ianthomasict.com · ianthomasict@gmail.com · github.com/ianthomasict

Summary

As a lead developer and startup co-founder, I've deployed software to modernize and migrate a multi-million dollar ERP system, develop a real-time weather radar application, and craft internal software that solves real problems and fosters my love for learning..

Professional Experience

Software Engineer   Spectrumware, LLC

February 2022 - PRESENT   *Wichita, KS*

- Lead developer and Scrum Master for a team of 4.
- Developed RESTful APIs with **Java / Spring Boot** and a modernized frontend with **React / Next.js** towards the migration from MS Access ERP system currently facilitating $400 million of annual transactions.
- Automated customer credit approval process through creation of public Credit Application using **Angular**
- Implemented PDF & Digital Signature solution to facilitate signing of 100+ monthly sales contracts.
- Developed an internal time-tracking application to improve employee time entry speed by more than 150%.
- Managed **Linux** VM deployments for 5 production applications with CI / CD pipelines using **Github Actions.**
- Introduced and standardized **Jira**, **Onenote**, and **Github** practices internally within the company.

Co-founder / Software Engineer   Mesocast, LLC

May 2023 - PRESENT   *Wichita, KS*

- Built **WebGL**-rendered application using **Mapbox** and **Go** microservices to provide real-time weather radar data directly from the radar site **40s to 5 minutes faster** than most other weather companies.
- Implemented a real-time data transfer architecture to parse, compress, and transfer 2k messages/min and 250MB/min through pub/sub

Web Optimization Specialist   Menufy by HungerRush

September 2017 - February 2022   *Overland Park, KS*

- **Python** automation, **Google Business SEO**, Data analysis with Google Sheets.

Projects

Mesocast.net · *Go, Python, React, Postgres, Redis, Docker, AWS, Kubernetes*
The first performant and web-accessible application for real-time Nexrad 2 weather radar analysis for users of all experience levels.

MKC-Services.com · *Astro, React*
Business page for a local psychiatrist who specializes in providing trauma-informed attachment-focused therapy for all ages.

JSX to PDF · *Javascript, Babel, Solid / React, Express.js*
A simple reporting solution using JSX to provide real-time report customization. Available on Github.

Education

Bachelor of Science: Mathematics & Computing · Aug 2020 - May 2022
Wichita State University

Project Management Coursework · 48+ hours
Center for Management Development , Wichita State University