

Location Ann Arbor, MI 48103

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I'm a full stack software engineer. I have over 6 years of experience working in the tech industry, building beautiful, robust, and scalable web and mobile apps that have been used by millions of people. If you're in need of software that helps fight important issues in the world today like climate change, mental illness, or racial inequality, please reach out- I may be interested in helping.

Experience

Very Remote, Winter 2019 - Summer 2021

Senior Software Engineer, Worked as a full stack engineer at this consultancy, specializing in IoT software. I built multiple mobile and web applications from the ground up, writing clean, scalable code in large codebases. My primary role was on the front end, where I specialized in building mobile apps with React Native/Typescript and Swift. I also worked on the back-end, primarily writing Phoenix APIs in Elixir. I built 5 large mobile apps that are now available in the Android and iOS App Stores.

SkySpecs Ann Arbor, MI, Summer 2018 - Winter 2019

Web Application Developer, Full-stack developer at a startup that uses drones to autonomously inspect wind turbines. I work on the React front-end and Node back-end of a web app that stores a massive amount of wind farm data in the form of damage records, turbine photos, and repair information to keep customers informed on the status of their farm.

Trove AI Ann Arbor, MI, Summer 2017 - Summer 2018

Software Engineer, Worked on the front-end web team at a startup making email and professional networking software. I was involved in the design of the product as well as the development of the large React + Redux codebase. We shipped to five platforms and maintained high-quality code thanks to mandatory code reviews and high test coverage.

Ford Motor Company Dearborn, MI, Summer 2016 - Summer 2017

IT Ford College Graduate, Working in an Agile Software Development team, I pioneered a suite of tools to automate and expedite deployments of software upgrades in vehicle assembly plants, which cuts plant down-time by 25%.

MSU Capstone - Team Amazon East Lansing, MI, Spring 2016

Developer, Senior Capstone course working for Amazon. Using AWS, we developed an improved Twitch.tv streaming website using a Google Chrome Extension.

Education

Hacker Fellows Detroit, MI, Summer 2017 - Summer 2018

Elite fellowship program where I was part of a 15-person cohort that completed a 5-week software and entrepreneurship bootcamp.

Michigan State University East Lansing, MI, Spring 2012 - Spring 2016

B.S. Computer Science and Engineering with Business cognate. Graduated Spring 2016 with 3.5 GPA.

Denmark Technical University Lyngby, Denmark, Spring 2015

Semester abroad where I took master's level CS courses including AI, Databases, and Machine Learning and Data Mining.

Skills

JavaScript Typescript React Redux

Python Flask Django

C Arduino

Elixir Phoenix

Swift SwiftUI

PHP Slim

Node.js Express

SQL PostgreSQL

Java

Hackathons

Startup Weekend - 1st Grand Rapids, Winter 2017

Find a place to dump your car using the mobile app Dump, the AirBnB for parking. Pitched the idea and founded the team.

Ford Catalyst - 4th, Most Viable Dearborn, Fall 2016

Dynamically block blinding sunlight while driving, using the Smart Sun Visor. Used Arduino with accelerometer and light sensor to know when to activate Smart Tint sun visor.

Ford STEAM Hack - 2nd Detroit, Fall 2016 - Spring 2017

Allow students and teachers to connect using GamePI@n, an app that strengthens a school's community and empowers students. Our four person team consisting of one teacher and three engineers continued development after the hackathon. I built the back-end in the form of a Python Flask API for use with the Angular 2 front-end.
