SHANE EARLEY

SOFTWARE ENGINEER

CONTACT

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SKILLS

- JAVASCRIPT
- TYPESCRIPT
- HTML/CSS
- REST API
- GRAPHQL
- NOSQL
- MATLAB
- PYTHON

EDUCATION

University of Notre Dame

2018-2019

Master's in Engineering, Science and Technology Entrepreneurship

Saint Anselm College

2014-2018

Bachelor's in Applied Physics with Computer Science and Mathematics

PROFILE

I'm a software engineer based in New Hampshire. I develop applications for startups and local businesses. I enjoy the intersection of computation and human-centered design, so I'm always looking to work with companies that are helping people with unique digital products. I mainly do full-stack JS application development, but I've also worked with a range of software building things from algorithms to websites. Ultimately, I take pride in mastering the best tools to bring products to life. I love collaborating with teams, and I can also work solo.

EXPERIENCE

GoNoGo – Lead Software Engineer

2020-Present

GoNoGo (startup) is building a web application to deliver a voice-based COVID-19 test. I am working with the product design team to craft a Vue.js client and Node.js server that can interactively collect a patient's voice sample to be analyzed by a proprietary machine learning algorithm. The company is gearing up for international clinical trials.

Otter Therapies – Head of Technology

2019-Present

Otter Therapies (startup) is currently beta-testing a web and mobile platform to solve the challenge of special needs care coordination for parents and caregivers. I am leading the team's software development. The application, stacked with Ionic, Angular and a Google Cloud serverless backend, allows care teams to securely chat, file share and sync schedules in an intuitive parent-centric interface.

Freelance – Product Developer

2018-Present

I co-authored and co-pitched an award-winning business plan for a remote-sensing technology that formed the basis for a healthcare startup. I led product development meetings and developed algorithms in MATLAB for the same startup. I have also developed features for software-as-a-service applications, primarily using Angular, Vue.js, Node.js and Google Cloud.

Amazon Robotics – Test Engineer

Summer 2017

I designed lab structures for robot testing and helped the product engineering team understand technical failures. I also helped repurpose these lab structures to create a demonstration for Amazon's chief executive officer.