Ryan Baxley

(864) 616-2379
ryan.baxley1@gmail.com
github.com/rynobax
baxley.dev

EXPERIENCE

Trellis — *Lead Software Developer*

September 2017 - May 2020 | mytrellis.com

First full time employee at an AgTech startup. Founders did not have a software background, so I was responsible for designing and building a flexible software system that grew with the company.

Built a GraphQL API to centralize business logic and enable more efficient access to the NoSQL database. Made numerous updates to how data was stored in order to keep load times fast as we added different types of sensors.

Modernized existing applications and services by adding tests, migrating them to Typescript, and having them use the API instead of directly accessing the database.

Designed and built a web dashboard using React, and a mobile version using React Native. It presented information from sensors in an easy to understand and simple to navigate UI that customers loved.

Mentored five interns, enabling them to make meaningful contributions to the product in their short stay.

Made occasional updates to the C code running on the sensors, including implementing wireless reprogramming and developing a more efficient communication protocol that reduced message size by 60%.

Introduced development best practices, including automated linting, testing, and deployment of code using Jenkins, AWS, and Azure DevOps.

Worked directly with sales reps to troubleshoot customer issues and to address their feedback.

Integrated with many external services, including Stripe, SSURGO, Darksky, Zoho, HubSpot, Sentry, Google Analytics, and Amplitude.

Sourcelink — *Data Processor*

April 2017 - September 2017 | sourcelink.com

Converted raw data from credit unions into PDFs using Python and C#.

MinerGate — *Contract Software Developer*

October 2016 - March 2017 | minergate.com

Learned Javascript by working on an Electron application that allowed users to easily mine cryptocurrency.

EDUCATION

Clemson University

B.S. in Computer Science

Graduated August 2016

SKILLS

Experienced

Typescript

React / React Native

GraphQL (Apollo)

Node.js

Jest

Familiar

Java

C

SQL

Python

AWS

Firebase Realtime DB

Electron