Anders Ackerman

Software Engineer

Contact
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Experience

Software Engineer
[Dayforce](#) - Orlando (June 2022 - Present) *Remote*
➢ **TypeScript React** Development, Jest Unit Testing, **Cypress End-to-End Automation**, **Docker** Testing Automation Deployment, **PowerShell**, **C# .NET** - Entity Framework, **MSSQL** Server, **MongoDB**,
➢ Conduct live technical interviews for Intern semester candidates. Mentoring individuals.
➢ Lead and execute a more efficient automation framework for CI/CD.
   Reducing average pipeline time by 50% and providing more stable automation testing

Software Engineer
[Meenta Inc](#) (January 2021 - August 2021) *8 months Remote*
➢ Developed frontend and backend features of internal apps and customer facing apps.
➢ Developed browser photo capture web application, which allowed Athletes to enter Japan by providing a platform for COVID testing and quickly receive medical documents for entering Japan. For competing in the 2020 Olympic Games.
➢ Utilizing technologies - Front-end tech includes: **AngularJS v1.8.x, Vue.js**. Testing frameworks used: **Cypress**. Backend tech includes: **Express.js**, **Firebase** (Serverless Cloud Functions, PubSub, Firestore, Real-time Database).

Front End Web Developer
[ThreatLocker](#) - Orlando (November 2020 - January 2021) *3 months Remote*
➢ Utilizing **Vue.js** to connect a front end web application to a **C# ASPNET** backend server and **SQL** Database. Creating a simple quote building solution for the Sales team to quickly generate quotes for clients to review their Cyber Security products.

Coding Projects

Solo Coding Project - LED Art Matrix
[Link to Deployed Project](#) [Github Link](#)
➢ Created from scratch a Full-Stack MERN project - **MongoDB, Express, React, Node.**
➢ Using **React**, **Redux**, **TypeScript**, a custom made style engine for rendering an LED matrix, tested with Jest and React Testing Library for code coverage.
➢ Designed a MIDI controller interface to have tactile hardware control of the browser UI.

Theater show LED Set Piece Designer - Meet The Replacements
[Github Link](#)
➢ Co-Designed with a talented group of individuals a set piece with LEDs installed with arduino coded in **C**++ to drive LEDs to display patterns according to timing of a scene in the theater show.

Solo Coding Project - Nomad Lang
[Link to Deployed Project](#) [Github Link](#)
➢ Language Learning flash card game, where users create their own flashcards to practice learning a foreign language. created with **Vue3** for the Front-End, and **TypeScript/MongoDB** for the Back-End. **Cypress** for End-to-End Testing and UI Regression testing.

Open Source Contributions

Powertab Editor ([github](#))

A simple guitar tablature editor for guitarists writing or learning songs using guitar tabs

Add powershell build scripts for getting project started

- [Link to Pull Request](#)

Koil ([github](#))

Experimental multiplayer web based game written in TypeScript at first slowly migrating into webassembly

Fix build script for windows users using NodeJS versions greater than 20.12.2

- [Link to Pull Request](#)

Education

University of Central Florida - Full-Stack Web Development Coding Bootcamp (2020)

➢Completed an intensive 24-week web application development program focusing on the MERN stack.