

SUMMARY

A team-oriented, naturally curious full stack developer that has an eye for frontend design and development that can also create a high performant, developer friendly backend. Looking for a full stack/frontend engineer role that involves ReactJS or SolidJS development with a strong relationship with the UI/UX team.

EDUCATION

University of North Carolina at Charlotte, Charlotte NC

- Master of Science in Computer Science January 2019 - December 2022
- Bachelor of Science in Computer Science August 2016 - May 2020

WORK EXPERIENCE

Senior Software Engineer

July 2023 - Present

Raptor Maps, Remote

- Planned and implemented numerous features for customer-facing and internal products.
 - Planned and implemented end-to-end the ability to automatically take snapshots of the Map view so customers could take physical copies out into the field.
 - Revamped the main navigation of the app to not only improve the UI/UX but also improve the DX of adding protected routes based on user and org permissions.
 - Improved performance of our main Map product by adding caching, preventing duplicate API calls, and efficiently sharing data across the view.
 - Built a new, responsive Dashboard experience with custom charts to give users a high-level view of the performance of their solar farms.
 - Planned and implemented end-to-end an updated, streamlined experience for communicating order status to customers.
- Co-maintained the internal component library, Raptor UI.
- Mentored a summer intern.
- Led group viewing sessions of Kent C. Dodds' Epic React course.

Senior Developer

October 2021 - July 2023

Levvel, Charlotte NC → Endava, Charlotte NC

- Co-led the frontend architecture and development of a greenfield product for a startup company ([Foro.io](#)).
 - Co-led planning for new features for the frontend development team.
 - Provided insight into the design of the backend architecture by developing entity-relationship diagrams and brainstorming solutions for new features.
 - Designed and implemented a GraphQL service layer API for communicating with a micro-service backend ([Iris Talk Presentation](#)).

- Designed and implemented a set of form components with validation to reduce development effort and ensure consistency throughout the UI ([Formidable](#)).
- Planned, coordinated, and lead a bench project for searching and inventing developer skills within the company.
- Designed, organized, led, and presented the development of a developer efforting tool as part of the Innovation Project competition ([DevsPlayingPoker](#)).
- Presented a technical introduction to the WebSockets JavaScript API ([Recording](#)).
- Presented on the "[Innovation Mindset](#)" to the 2022 early-talent cohort.

Software Engineer

June 2020 - October 2021

SentryOne, Charlotte NC → SolarWinds, Charlotte NC

- Effectively participated in various scrum agile efforts including daily standups, sprint planning, product demos and retrospectives on a biweekly basis.
- Consistently improved software quality through unit, integration, and end-to-end testing.
- Collaborated with Product Managers and UI/UX to improve product usability.
- Successfully implemented an automated system to build a test database in Docker to be used for integration testing.
- Successfully developed a highly dynamic interface for creating custom data charts.
- Successfully developed a security model under a rigorous timeline including leading UI development.
- Developed and presented a demo application to peers showing how to implement Emotion JS in React.
- Technologies used: React JS, Apollo for GraphQL, Jest, C#, .NET, SQL Server, Azure Dev Ops.

PERSONAL PROJECTS

Love Pebble

A web-based version of the board game Love Letter.

- ReactJS (Typescript), Deno, Chakra UI
- <https://lovepebble.mattwells.dev>

Devs Playing Poker

A tool for developers and scrum managers to effort work items as quickly as possible.

- SolidJS (Typescript), Sass, UnoCSS, Deno
- <https://devsplayingpoker.com>

Cooped Up

A web-based version of the popular board game Coup.

- ReactJS (Typescript), NodeJS, Express, Socket.IO
- <https://coopedup.mattwells.dev>