

Experienced Fullstack Engineer with a background in QA testing, consulting with stakeholders and cross-collaborating with teams to develop complex web applications using AWS, React, Ruby on Rails, and .NET.

Technologies and Languages

- **Languages:** CSS, HTML, JavaScript, TypeScript, Ruby, C#, SQL, Apex, Python, EJS
- **Technologies:** Next, React, .NET Core, Ruby on Rails, Vue, Material UI, LESS, SASS, Redux, Node, Express, Bootstrap
- **Databases:** PostgreSQL, DynamoDB, CosmosDB, MongoDB
- **Testing Libraries:** Jest, Playwright, Cypress, React Testing Library, Rspec, Selenium, PyTest
- **Cloud:** AWS, Azure, GCP

Work Experience

Caregiver for injured family member

July 2022 - June 2024

Frontend Engineer

Adlumin

Dec 2021 - July 2022

- Reduced latency for HTTP requests to a DynamoDB database by 44% (80ms) by creating a trigger in AWS that utilized DynamoDB Streams.
- Doubled the customer count by designing a unique threat management dashboard using Ruby on Rails and React with TypeScript, which set Adlumin apart from competitors.
- Integrated React with TypeScript into a Ruby on Rails and Golang codebase, ensuring seamless frontend functionality and performance.
- Collaborated closely with UX designers to develop dynamic and accessible user interfaces, including a color palette picker tool, enhancing user experience and engagement.
- Used GitHub Actions to create workflows that accelerated development time and implemented tests that reduced the need for extensive QA testing.

Business Systems Engineer

Specialty Food Association

July 2021 - Dec 2021

- Automated and digitized the invoice delivery system using Workato and scripts written in Ruby, SQL, and APEX, reducing invoice delivery time for customers by 98% (from 120 hours).
- Oversaw Salesforce administration tasks, including creating flows, objects, and reports.
- Utilized custom Ruby and Python scripts to validate and retrieve data from 3rd-party RESTful APIs.
- Led insightful meetings during company-wide and IT department briefings, fostering collaboration and alignment between technical and business stakeholders.

Software Developer

CyberSN

Feb 2021 - July 2021

- Developed web pages in React based on UI/UX designs, optimizing the user interface and enhancing the user engagement rate by 10% (totaling 73%).
- Managed microservices with Amazon EKS and created a new microservice that deployed automatically generated emails using Mailkit and .NET Core.
- Reduced the AWS monthly bill by 12% (\$600) by optimizing AWS Lambda functions and decreasing the number of overall requests made.
- Created new endpoints for the Node backend to handle SSO requests and integrated Google Authentication into the login and signup pages.
- Performed unit and end-to-end testing on the React frontend using Jest and Cypress.

Software Developer (contract)**LandrumHR****Sept 2020 - Dec 2020**

- Built an employee dashboard using Vue, HTML, CSS, and Vuetify, which accelerated the leave request process by eliminating the need for a third-party submission system.
- Maintained .NET Core APIs written in C#, ensuring high performance and reliability of backend services.
- Constructed APIs with Node.js, and upgraded the Node version from 16 to 17.
- Developed and maintained unit tests with Playwright to test the Vue frontend.
- Queried Azure CosmosDB to retrieve data on authenticated users.

Freelance Software Engineer**Upwork****Jan 2016 - Jan 2020**

- Engineered scripts with Node to run Docker containers, allowing clients to easily run their QA environments from any device.
- Revamped local business WordPress sites to improve user experience, enhancing both engagement and satisfaction.
- Developed fullstack, responsive applications for clients using Next.js, React, and Ruby on Rails.
- Performed rigorous testing on React and Next.js applications using Jest, Playwright, Cypress, React Testing Library, and Selenium.

Education

- **Fullstack Web Development**, Bloom Institute of Technology **2019-2020**
- **High School Diploma**, Boyle County High School **2010-2014**

Open Source

Make-Js-Component**2023**<https://github.com/Giuliano1993/make-js-component>

- Contributed to documentation updates and bug fixes.

MealMatters**2023**<https://github.com/AnupK1234/MealMatters>

- Resolved UI issues and enhanced error handling.