

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
<ul style="list-style-type: none"> 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
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> Contributed to documentation updates and bug fixes. 	
MealMatters	2023
https://github.com/AnupK1234/MealMatters	
<ul style="list-style-type: none"> Resolved UI issues and enhanced error handling. 	