

Work Experience

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| Full Stack Developer Advisor | Cigna
Bloomfield, CT (Remote) | Oct 2020–Present |
| <ul style="list-style-type: none">• Led development of cigna.com web components serving over 16 million monthly visitors. Components used on over 800 pages and 30 apps. Technologies used: TypeScript, Lit, Sass, Storybook, BrowserStack.• Collaborated with 7 teams across 4 departments to align development efforts. This led to a 17% increase in site performance, a 38% increase in traffic to the shopping experience, and a 67% reduction of accessibility issues.• Developed a REST API to handle CRUD operations for over 9K page redirects. Efforts eliminated the department's reliance on external vendors and on-premise infrastructure. Technologies used: Node.js/TypeScript, API Gateway, DynamoDB, Lambda, Jest.• Identified component styling limitations as a blocker for the team to complete work on schedule. Investigated and implemented a solution which increased reusability by 47% in 40 lines of code while meeting our deadline.• Developed the mycigna.com login banner generating a 3% increase in traffic to the claims portal. Technologies used: Okta API (OAuth 2.0), Lit, Sass, and TypeScript.• Created a CI/CD pipeline automating publishing and versioning for 12 repositories. Pipeline enabled code reusability for over 30 repositories. Standardized build tooling for 14 repositories.• Refactored team's Node.js code and test suites from AWS SDK v2 to v3 to leverage v3's 75% reduction in bundle size.• Mentored 2 developers in our tech stack and hosted 10 training sessions for 3 scrum teams. | | |
| Front-End Developer Lead Analyst | Cigna
Windsor, CT | 2019–2020 |
| <ul style="list-style-type: none">• Automated data entry of over 3K annual medical claims using JavaScript/jQuery and Bootstrap.• Integrated team's elasticsearch utility into 7 sites for improved UI and search results using CSS/Sass and JavaScript/jQuery. Developed Lambda and fuzzy search integrations to support indexing for 3 sites.• Improved maintainability of a file search app by rewriting legacy code from Perl to Node.js. The team leveraged code for a CMS asset scanner.• Developed a language switcher providing access to 200 translated pages using JavaScript/jQuery.• Oversaw direction, managed budgets, and led interviews for 8 social committee positions across 6 offices. | | |
| Voice Engineer Analyst | Cigna
Bloomfield, CT | 2017–2019 |
| <ul style="list-style-type: none">• Migrated web content of 10 VoIP services spanning over 100 media assets to a new platform. Designed 60 pages and collaborated with departments on content management strategies.• Researched UX impact of software changes affecting over 20K employees. Developed over 30 new training assets based on feedback from surveys.• Transformed conferencing data into population and usage metrics. Data used by leadership to make funding decisions across 25 offices.• Liaison for 3 Incident Response teams. Triaged software issues to prevent disruptions to critical resolution processes.• Resolved over 2K emails of software issues in 6 months. Hosted 15 training sessions for over 500 employees.• Organized over 30 social events for colleagues to meet with peers, mentors, and executives. | | |
| Infrastructure Engineer Intern | Cigna
Windsor, CT | Summer 2016 |
| <ul style="list-style-type: none">• Analyzed power requirements, deployed hardware, and planned infrastructure deployments for contractors.• Won 1st place with a team on the TECDP Intern Project. Presented a prototype for a mental health app. | | |

Education

- **BS in Networking Information Technology**, Minor in Management Information Systems **2015–2017**
Central Connecticut State University, New Britain, CT
- **AS in Computer Systems Technology** **2012–2014**
Northwestern Connecticut Community College, Winchester, CT

Certifications

- **AWS Certified Developer - Associate**, Amazon Web Services. **2023**
- **AWS Certified Cloud Practitioner**, Amazon Web Services. **2021**

Technologies and Languages

- Languages: TypeScript, JavaScript, CSS, Sass, HTML
- Technologies: Git, Node.js, AWS, Lit Framework, Web Components
- Other: Unit Testing, API & NoSQL Database Design, Design Systems, Build Tooling

Projects

- [Wrote a blog series](#) on integrating Module Federation for businesses with many environments. The [first](#) and [second](#) solutions explore two approaches and performance optimizations using Webpack. Blog series has over 25K views, 100 reactions, and is featured on the [official Module Federation blog](#).

Interests

- I am an avid guitarist, pianist, singer, and songwriter. I have also composed, recorded, and produced an album.