

[LINKS](#) [GITHUB](#)[LINKEDIN](#)[WEBSITE](#)[BA University of Texas at Arlington](#)[GPA: 3.2](#)[18 hours - MS in Information Systems](#)**SUMMARY**

Software Developer with 15+ years of experience in designing and maintaining scalable front-end and back-end solutions. Proficient in JavaScript, Node.js, and React.

Languages: JavaScript, TypeScript, HTML5, Node.js

Frameworks: React, Angular **Databases:** MongoDB, MySQL

Tools: Git, Webpack, Babel, NPM, Jest, Redux Toolkit, Docker, Kubernetes, Postman, JIRA

Design: Figma, CSS-in-JS, SASS, CSS

Other: Python, RESTful APIs, GraphQL, Responsive Design, Accessibility (WCAG), Microservices, JWT, OAuth2

Northwestern Mutual*Senior Front-End Developer**Dec 2021 – Current*

Architected and led the development of a scalable public-facing ID proofing registration application in React, Node.js, Sass, and Redux Toolkit to reduce fraud risk and encapsulate the complexities of the Transmit SDK.

Configured existing CI/CD pipelines for Docker and Kubernetes deployments to AWS, and modified exiting Lua code on the nginx proxy.

Redesigned a legacy microservice REST API managing complex registration rules, replacing existing SQL queries with GraphQL. This transformation significantly increased the success rate by over 30%.

Led development efforts in the PKCE Auth Scheme change involving several microservices and microapps with 0 downtime for 250k monthly active users on the Web.

Implemented UI pages for the Planning application using React, reusable components similar to Material UI, styled components, TypeScript, playwright, vi tests, react testing library, and GraphQL.

Mentor and guide junior developers, fostering their growth and skill development. Increased unit test coverage by over 40% on the older code base.

Bank of America (Ettain Group contract)*Senior Front-End Developer**Apr 2021 - Dec 2021*

Improved and maintained services in Python using the Flask framework to transform market data and displayed this data in a React OpenFin application.

Managed and optimized Webpack configurations for two applications for deployment to the GBAM desktop using OpenFin which used web-sockets, React, and Sass.

Brown Brothers Harriman*Senior Front-End Developer**Dec 2019 - Apr 2021*

Designed Angular services, pipes, and directives in Angular 9 (TypeScript, Sass, RxJS) as part of a collaborative team to build a data onboarding application.

Enhanced back-end functionality by modifying SQL queries within a Java Spring Boot framework, resulting in improved data processing efficiency and a more seamless onboarding experience for over 100 in-house users.

Produced comprehensive unit tests using Jest to ensure the reliability and robustness of applications. This testing framework enhanced code quality, keeping coverage over 80%.

Bank of America (Ettain Group contract)*Senior Front-End Developer**Apr 2019 - Dec 2019*

Actively participated in weekly design meetings and requirements-gathering sessions for a middle office tool, collaborating with stakeholders to define user needs and system specifications.

Established and implemented best practices for the team, focusing on coding standards and collaboration techniques, showcasing team leadership that fostered a culture of quality and consistency across two major projects.

Developed a common component NPM library to facilitate the sharing and reuse of key UI components.

Authored a Self-Service tool leveraging WebSockets, React Router DOM, ag-Grid, and Sass to automate the onboarding of new assets using server-driven metadata to dynamically generate form fields reducing the onboarding time by 50%.

Federal Reserve Bank of New York (StarPoint contract)

Senior Front-End Developer

Apr 2018 - Apr 2019

Architected an Angular application for a reservation system, utilizing NgRx for state management, Angular Material for UI components, and Sass for styling. Built according to wireframes, the application incorporated custom security modules and leveraged RxJS and ES6 features.

Bank of America (TEKSystems contract)

Senior Front-End Developer

May 2016 - Jul 2017

Designed scalable code with reusable directives and shared services using Angular 1.5 and ES6 via Babel to unify multiple systems such as Stock Loans into a single portal.

Engaged in cross-functional collaboration with back-end developers to design the REST API architecture and establish data flow, ensuring seamless integration between front-end and back-end systems.

Actively participated in UX design meetings and implemented design prototypes as part of the UX team, focusing on optimizing the application for operations users. This collaboration aimed to reduce user time spent in the app, resulting in a more efficient workflow and improved user satisfaction.

Morgan Stanley (Anagh Tech contract)

Senior JavaScript Developer

Dec 2013 – May 2016

Developed and maintained a robust analytics library in Pure JavaScript, deployed to over 200 application pages to capture user actions, page usage, and performance metrics. This library utilized a REST API for data transmission to a database and provided an exposed API for custom tracking events, enabling enhanced insights into user behavior and application performance.

Dairy.com

Full Stack Developer

June 2008 – Nov 2013

Developed both server-side and client-side code using Java, JSP, jQuery, and JavaScript to build a web-based application for dairy farmers to manage their milk production and delivery schedules.

Side Projects: used MongoDB and MySql as a database, GitHub Actions to create a build pipeline that packages the application into a Docker container and deploys it on AWS ECS. Additionally, experimented with EC2 and S3, and built projects from scratch using Vite and Webpack. Installed Minikube to create Kubernetes services and deployments.
