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**SUMMARY**[LINK TO GITHUB](#)

BA University of Texas at Arlington

GPA: 3.2

18 hours - MS in Information Systems

Dynamic Software Developer with 15+ years of experience in crafting and maintaining scalable front-end and back-end solutions.

Proficient in JavaScript, Node.js, and React

**Languages:** JavaScript, TypeScript, Python, HTML5, Node.js

**Frameworks:** React, Angular,

**Databases:** MongoDB, MySQL

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

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

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

**Experience****Northwestern Mutual***Senior Full Stack Developer**Dec 2021 – Current*

Led Development efforts in the PCKE Auth Scheme change with 0 downtime for 250k monthly active users on the Web.

Created a public-facing ID proofing microapp in React and Node.js, streamlining the registration process, reducing fraud risk, and improving registration time by 5 seconds. [Link to Registration](#)

Configured CI/CD pipelines for Docker and Kubernetes deployments to AWS, reducing deployment time by at least 10% by resolving code vulnerabilities that previously required exceptions.

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

Implemented a new GraphQL subgraph to transition an existing graph to a modern architecture, contributing to Improved developer productivity due to simplified query structures.

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

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

Led the development of a real-time options trading application using React, css, HTML5 OpenFin, and WebSockets to deliver live data into an ag-grid.

Improved and maintained services in Python using the Flask framework to transform market data and risk information, enabling seamless transmission of trade data through an API.

Managed and optimized Webpack configurations for two applications for deployment to the GBAM desktop using OpenFin.

**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.

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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 a new 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, [Link to Calendar](#)

**Bank of America** ( TEKSystems contract )

*Senior Front-End Developer*

*May 2016 - Jul 2017*

Designed a 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 across 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, ensuring seamless integration and functionality across the application.

**Side Projects:** MongoDB 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.

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