RAYMOND NWAMBUONWO

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SUMMARY

Versatile software engineer with over five years of JavaScript expertise, specializing in building responsive and user-centric web applications using React and TypeScript. Experienced in delivering high-quality solutions for government, cybersecurity, and ed-tech platforms, with a focus on secure interfaces and optimal user experiences. Adept at frontend architecture, state management, and UI/UX implementation, while also proficient in Python, NodeJS, and GraphQL for full-stack development. Dedicated to crafting performant, comprehensive solutions that seamlessly integrate frontend innovations with backend technologies, ensuring robust and efficient software across the entire application stack.

EXPERIENCE

Application Developer

Dev Technology Group   **December 2024 - Present, Reston, VA**

- Spearheaded the digitization of the I-9 form under ICE/Homeland Security contract by implementing a multi-step React/TypeScript interface using TrussWorks/USWDS, improving user clarity and contributing to a 30% boost in form submission efficiency.
- Developed a feature enabling bulk or individual document upload for employers with pre-filled I-9 forms, enhancing flexibility and reducing manual input needs.
- Collaborated on backend infrastructure with Node.js and AWS, including Lambda functions and S3 triggers, to handle secure form submissions and storage.
- Built and styled multiple public-facing pages to inform users about the I-9 Pilot Program, ensuring accessibility, responsiveness, and alignment with federal design standards.
- Contributed to a Microfrontend Architecture (MFE) structure, ensuring maintainable code separation between public portal and internal HSI agent dashboard.

Software Engineer

Deepwatch   **April 2025 - July 2024, Tampa, FL**

- Contributed to the creation and upkeep of a Self-Serve Reporting system, leveraging React and TypeScript to deliver current state assessments of customers' ServiceNow environments.
- Spearheaded a comprehensive documentation overhaul using JSDOC, enhancing both front-end and back-end codebase organization and maintainability.
- Collaborated closely with the design team to create a comprehensive design system using Figma and Storybook, ensuring UI consistency and optimal user experience across applications.
- Enhanced front-end reliability by implementing comprehensive unit testing with React testing library and Jest, leveraging Codacy for proactive issue detection and improved code coverage, and Playwright for E2E (end-to-end) testing.
- Contributed to maintaining API reliability, enabling seamless data ingestion, and boosting performance through the use of Python lambdas, NodeJS, and GraphQL/Apollo.
- Optimized backend development by leveraging Snowflake to optimize data retrieval and streamline SQL query creation.

Associate Application Developer

Dev Technology Group   **June 2021 - April 2022, Reston, VA**

- Developed and maintained government web apps using React and NodeJS in a Serverless AWS environment, enhancing scalability and accessibility.
- Modernized legacy systems by converting Java to JavaScript, and built over 100 SQL-driven forms for processing sensitive government data.
- Conducted usability testing and maintained active Public Trust clearance to support secure and user-centered development.
- Streamlined deployment processes by integrating automated CI/CD pipelines, accelerating release cycles for secure government applications.
- Engineered RESTful APIs to facilitate seamless data exchange between federal systems, substantially improving integration efficiency and reliability.

Instructional Software Engineer

Code Differently   **August 2020 - June 2021, Remote, USA**

- Taught full-stack JavaScript to 20 junior engineers in partnership with JP Morgan Chase, blending real-world coding scenarios with project-based learning.
- Led a team of 5 instructors in an Agile environment, facilitating stand-ups, retrospectives, and continuous code reviews.
- Engineered collaborative coding workshops utilizing pair programming and peer review practices, fostering hands-on learning environments aligned with industry standards.

EDUCATION

Certificate of Completion Software Engineering Immersive

General Assembly • Washington, DC • 2020

M.S. Higher Education

State University of New York College at Buffalo • Buffalo, NY • 2018

B.S. Mass Communications

State University of New York College at Oswego • Buffalo, NY • 2014

CERTIFICATIONS

Google Cybersecurity by Google

Coursera • 2024

Amazon Web Services Cloud Practitioner

Amazon Web Services • 2023

SKILLS

FRONT END DEVELOPMENT: CSS, HTML, JavaScript, React, Typescript, RTL, Webpack, Jest, Storybook

BACK END DEVELOPMENT: Express, SQL, REST, AWS, NodeJs, Snowflake, GraphQL/Apollo, Python

DEV TOOLS: GitHub, Postman, Git, Codacy, Launchdarkly, Okta, Bitbucket, Jira, Figma, JSDoc, Visual Studio Code, PowerShell, Linux