

Uchenna Ezeokoli

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Summary

Uchenna is a Software Engineer with extensive experience in frontend and backend development, who is proficient in JavaScript, TypeScript, React, Node, and Python. He has a proven track record in delivering high-quality software solutions, automation testing, and CI/CD pipeline integration.

Skills

Frontend: JavaScript, TypeScript, HTML, CSS, React, Ionic

Backend: Node, Python, C#, Swift, Kotlin, C++, Bash, Git, Google Cloud, CI/CD

Experience

Software Engineer

MathWorks, Natick, MA | Aug 2021 – Present

- Implemented a highly requested reset camera feature in the RoadRunner product using **C++** and OOP to simplify navigation for end users.
- Gathered requirements based on user feedback and design reviews to justify the feature.
- Designed and implemented hundreds of reliable automation tests for MATLAB's mobile application, using **Swift, Kotlin, XCTest, Espresso**.
- Led a large-scale codebase refactor improving the reliability and performance of nearly 300 automated tests running on **TeamCity CI/CD server**.
- Developed an automated test reporting framework integrated with **TeamCity**, enhancing test performance visibility.

Staff Software Engineer, Contract

Sales & Software, Remote | May 2021 - Aug 2021

- Developed a multiplatform application for tracking injuries using **React, TypeScript, Ionic, Node, and Google Cloud**.
- Implemented in 12,000 Aldi grocery stores worldwide.

Software Engineer, Intern

Revenue Solutions Inc (RSI) Remote | Sep 2020 - Jun 2021

- Migrated slow-performing webpages from ASP.NET(**C#**) to **React/TypeScript**, increasing page load speed by 80%.
- Led the development of 192 UI tests for the enterprise web application's stability using **Enzyme and Jest**.

Projects

Boston Travel Guide Web Application

Nov 2022

- Developed a responsive web application utilizing **React, TypeScript, and Ionic** to enhance user engagement with Boston's public spaces.
- Integrated Notion REST API to dynamically fetch and display data, ensuring real-time updates and content management.
- Designed and implemented a user-friendly interface, focusing on accessibility and seamless navigation across various devices.

Furīsupēsū.com

June 2018 - Present

- Designed and developed an e-commerce platform using **React, TypeScript, and Ionic**.
- Implemented custom cloud functions in **Firebase** and integrated Printful REST API using **JavaScript and Axios**.

Education

University of California - Merced

Merced, CA | Aug 2017 - May 2021

Bachelor of Science - BS, Computer Science and Engineering

Awards: Dean's Honor List, Chancellor's Honor List | Dec 2020 - May 2021

Certifications

Foundational C# with Microsoft Developer Certification | Jan 2024