Nelson Rodriguez

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EDUCATION

Georgia Institute of Technology — Atlanta, GA
Bachelor of Science in Computer Science — *Aug 2020 - Dec 2023*

Relevant Coursework: Data Structures & Algorithms, Design & Analysis of Algorithms, Software Engineering, Database Systems, Object-Oriented Programming, Computer Architecture, Systems & Networks, Linear Algebra

EXPERIENCE

Fullstory, Inc. — Atlanta, GA
Forward Deployed Engineer — *Dec 2025 – Present*

- Contributing to Mobile SDK implementations across React Native, iOS, and Android, assisting with configuration, instrumentation, and framework-specific integration issues in production applications.
- Working hands-on across multiple customer mobile tech stacks, validating SDK behavior in React Native, Swift, SwiftUI, Java, Kotlin, and Flutter demo and repro applications.
- Reproducing customer-reported Mobile SDK issues by creating minimal repro projects, capturing logs and stack traces, and partnering with Engineering to debug and validate fixes.
- Collaborating closely with Product Engineering + Sales teams to investigate and refine Mobile SDK functionality, clarify platform specific limitations, and support ongoing SDK development and refinement.

Civic Digital Experience, Inc. — Atlanta, GA
Software Engineer — *Oct 2024 – Jul 2025*

- Advanced the development of Civic DX internal dashboard application using **React**, **C#/.NET**, and **MongoDB**, enabling visualization of key operations, business metrics, and financial/asset data
- Engineered global dataset filtering pipeline using **React**, **C#/.NET**, integrating with **MongoDB** for persistent filter-state storage and Snowflake for high-speed dataset queries, cutting filter latency by over **40%**
- Architected C# .NET s using SOLID and Clean Architecture for Civic DX platform, improving code maintainability and backend scalability scaling to support **20,000+** ABM Industries contractors.
- Built over **30+** reusable React components for overarching Civic DX Platform, including dynamic stateful User Interfaces, standardizing UI/UX across modules and accelerating internal feature roll-out by **50%.**
- Developed over **12** React/JavaScript asset-management pages and bottom-up client-portal routing system for contractor asset-management application, streamlining navigation efficiency and improving bounce rate

eKlozet Designer Consignment — Atlanta, GA
Software Engineer Intern — *Jan 2022 – Dec 2022*

- Contributed to development of iOS application used by over **10,000+** users, implementing Item–item collaborative-filtering recommendations and bidirectional Google Calendar sync.
- Designed and developed back-end SQL database and schema with ETL pipeline to merge user interaction logs, clothing catalog, and outfit preferences, optimizing query runtime to <**5ms** for recommendation retrieval.
- Implemented Agile workflows using Git and Jira, streamlining feature delivery and ensuring on-time releases.
- Earned **2**[nd] place among **30+** teams at the Fall 2022 Georgia Tech CS Capstone Expo for innovation and usability

PROJECTS

Zenith - iOS Application | *React Native, Firebase, LangChain, OpenAI* — *Jul 2025 – Present*
- Application for helping people navigate their professions and careers using deterministic semantic analysis
- Integrated GPT/LangChain to deliver tailored insights and Firebase for secure onboarding and authentication

Running Sonification Engine | *Java, Processing* — *Jun 2023 – Jul 2023*
- Developed real-time audio feedback system for runners, converting physical data into actionable performance cues.
- Improved user's pace consistency by **20%** in user testing, providing insights for real personal training applications.

SKILLS

Languages: Java, JavaScript/TypeScript, C#, Python, SQL, HTML/CSS, English (Native), Spanish (Fluent)
Developer Tools: Git, Azure, CLI/Terminal, Docker, Kubernetes, Firebase, MongoDB, LangChain, Jira
Frameworks/Libraries: React, React Native, Node.js/Express.js, .NET, Flask, Django, Tailwind, Material-UI