

IKECHUKWU (IKE) OKOYE

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PROFESSIONAL SUMMARY

Versatile software engineer skilled in full-stack development, data-driven applications, and cloud technologies. Demonstrated success in building scalable tools and intuitive user interfaces that drive collaboration, performance, and innovation across finance and consumer tech sectors. Open to relocate.

Skills:

- **Programming Languages** – Python, JavaScript, HTML, CSS, Java, C and C++, Swift, SQL
- **Frameworks and Libraries** – React.js, Pandas, Django, Matplotlib, NumPy, Karate, Postman
- **Technologies** – AWS (EC2, S3, Lambda), Jenkins, Git, RESTful APIs, Firebase, Bitbucket, Cursor, Claude

EXPERIENCE

WELLINGTON MANAGEMENT, Boston, MA

07/2022 – Present

Software Engineer

- Responsible for developing and maintaining a set of self-service technology tools at Wellington. These tools were designed to help with data work, create visualizations, share insights, and support Python-related work within the firm.
- I leveraged S3 to pull CSVs, JSON files, and financial data to feed React Mosaic Tiles. I used EC2 to run Python or shell scripts on a schedule (via cron) to pull data from S3 or call APIs that sent results to S3. Leveraged AWS Lambda to eliminate scheduled batch jobs by replacing them with on-demand, event-triggered processes, reducing latency and cloud spend.
- Developed internal React-based applications used by over 100 investors, traders, and portfolio managers to share research across teams.
- Integrated fund analytics and data elements into launchpad that allowed linking between product and fund business views, increasing user adoption by 30-40% and improving performance (10-15% faster load time) compared to Q3 2024.

AFROBITES, Boston, MA

06/2024 – Present

Full Stack Developer

- Designed and developed a modern, responsive African restaurant website using React, Typescript, and Tailwind CSS. Built in reusable components for menu items, navigation, and contact information using React's best practices.
- Utilized Firebase as the build tool for optimized development and production builds.

WELLINGTON MANAGEMENT, Boston, MA

06/2021 – 08/2021

Intern

- Built and deployed large-scale web scrapers to extract data from thousands of medical journals daily, automating uploads to AWS. Collaborated with senior stakeholders to define business goals, architect solutions, and lead cross-functional development efforts. Using Pandas, integrated and migrated data from two legacy systems, modernizing internal infrastructure for improved accessibility and performance.

APPLE INC., Boston, MA

08/2019 – 03/2020

Product Zone Specialist

- Maintained the latest product knowledge to personalize solutions for consumer technology needs. Efficiently provided support for iOS and MacOS technical inquiries and device setup. Processed sales in a diverse and high-volume environment featuring demos, IT setup, data migration, and app installation.

PROJECTS

B-Scanner, BOSTON UNIVERSITY (08/2020 – 12/2020) - Awarded Judges' Choice Winner.

- Developed a web app educational tool using JavaScript, HTML, and CSS for classrooms to help high school age students better detect bias in various texts so that they could utilize unbiased information in their academic work.

EDUCATION

Bachelor of Arts (BA), Computer Science, BOSTON UNIVERSITY, Boston, MA (2022)

- Relevant Coursework: Data Structures (Java), Natural Language Processing (Python) Algorithm Analysis, Probability in Computing, Computer Systems, Calculus, Databases (MySQL)