Josh Levy - Full Stack Engineer

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WORK EXPERIENCE

Capital One – *Software Engineer (Full Stack)* | Boston, MA | 08/2023 - Present

- Designed and deployed a **React.js** dashboard for team leads to track and **remediate non-compliant websites** lacking SSO. Integrated an **AWS Lambda function** to automate email notifications, leading to **300+** successful remediations.

- Engineered a **Python script** to migrate **10,000+ general ledger records** in **DynamoDB**, incorporating submission metadata and logs to enhance failure investigation and shorten resolution time by **18%**.

- Developed a **React.js** interface for the **Dataset Management System (DMS)**, streamlining dataset onboarding and validation for general ledger submissions and cutting end-to-end upload time by **5 minutes** per submission.

Capital One – *Software Engineer Intern* | Boston, MA | 06/2022 - 08/2022

- Created an **insider trading investigation platform** using **React.js**, **Python**, and **SQL**, leveraging **machine learning** to flag suspicious keywords and alert investigators, improving violation review efficiency by **26%**.

PROJECTS

Soundcheck | GitHub: [github.com/jml312/soundcheck](#)

- Developed and launched a **Spotify-integrated music-sharing platform** with a **Next.js** website and **React Native** app, both powered by **Sanity.io**, helping **200+** users discover music and visualize listening insights through word clouds.

Portfolio Dashboard | Dashboard: [dashboard.joshlevy.io](#)

- Built a real-time **web analytics dashboard** for [joshlevy.io](#) (portfolio website) using **Next.js**, **Sanity.io**, and **Mantine UI**, tracking visitor count, location, and session duration for user engagement insights.

Apartments Tracker | GitHub: [github.com/jml312/check_equity_apartments](#)

- Implemented an **apartment price tracking tool** using **Python** and **Flask**, featuring advanced search filters and automated email alerts to subscribers for daily price fluctuations.

EDUCATION

Rice University – *M.S. Computer Science, Machine Learning* (Online) | 06/2024 - Expected 05/2027

Case Western Reserve University – *B.S. Computer Science* | 08/2019 - 05/2023 | GPA: 3.72 | Division III Men's Basketball

SKILLS

Front-End: React.js, React Native, Svelte.js, TypeScript, HTML, CSS, Tailwind, Redux, Accessibility Standards, Responsive Design, Jest, Cypress, Mocha, Chai, Storybook, Selenium, Vite, Framer Motion, Three.js, Figma

Back-End: Node.js (Express.js), Django, Flask, Microservices, REST APIs, GraphQL, SQL, NoSQL (DynamoDB, MongoDB)

Programming & Tools: Python, JavaScript, Java, Rust, C++, Git, Docker, Jenkins, AWS (Lambda, S3, API Gateway)

CERTIFICATIONS

AWS Certified Solutions Architect – Associate | Amazon Web Services (AWS) | 12/2023 - 12/2026