Josh Levy

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SUMMARY

Full-stack developer with expertise in **React.js**, **Python**, **RESTful microservices**, **AWS**, **PostgreSQL** and **DynamoDB**. Experienced in creating responsive, accessible interfaces and scalable back-end systems while collaborating within **Agile** teams to deliver high-performance web applications.

SKILLS

Front-End Development: React.js, JavaScript, TypeScript, React Native, HTML, CSS, Tailwind, Redux, Accessibility Standards, Figma, Framer Motion, Jest, Cypress, Storybook, Selenium, Mocha, Webpack, Angular.js, Three.js

Back-End Development: Python, PostgreSQL, DynamoDB, MongoDB, RESTful Services, GraphQL, AWS (Lambda, API Gateway, RDS, S3, EC2, CloudWatch), Node.js, Django, Flask, Express.js, JUnit, Behave

Languages & Tools: Python, JavaScript, Java, Rust, C++, Git, Docker, Jenkins, Bogie, AWS (IAM, ECS, CloudWatch)

WORK EXPERIENCE

Capital One – Software Engineer | Boston, MA | 08/2023 - Present

- Developed a **React.js** dashboard for team leads to track and **remediate non-compliant websites** lacking SSO, resulting in over **200** successful remediations.

- Built an **AWS Lambda function** with an accompanying **Python RESTful API** to automate loading Capital One's SSO data into **Snowflake**, eliminating manual data loading tasks and **saving 5 hours per week**.

- Engineered a **React.js** interface for the **Dataset Management System (DMS)**, streamlining dataset onboarding and validation processes, which improved user efficiency by **30%** by reducing manual steps.

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

- Created an **insider trading monitoring dashboard** using **React.js**, **Python** and **SQL**, improving investigative efficiency by **40%** and enhancing back-end query performance by **30%** through SQL indexing techniques.

EDUCATION

Master of Computer Science (Machine Learning) | Rice University | 06/2024 - 05/2027

Bachelor of Science in Computer Science | Case Western Reserve University | 08/2019 - 05/2023 | GPA: 3.72 | Division III Men's Basketball

PROJECTS

Forecast | GitHub: [github.com/jml312/forecast](#) | 06/2024 - Present

- Engineered a weather-themed **homework tracker** using **React Native**, **Supabase**, and **Tailwind CSS**, enhancing user engagement by reflecting real-time academic performance visually.

Portfolio Dashboard | Dashboard: [dashboard.joshlevy.io](#) | 12/2023 - 05/2024

- Designed and implemented a comprehensive **web dashboard** using **Next.js**, **Sanity.io**, and **Mantine UI**, displaying real-time analytics and insights such as visitor count, location, and session duration.

CERTIFICATIONS

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