

# **Josh Levy – Senior Software Engineer**

Menlo Park, CA | 972-822-4555 | [me@joshlevy.io](mailto:me@joshlevy.io) | LinkedIn: [jml312](#) | GitHub: [jml312](#) | Portfolio: [joshlevy.io](#)

## **WORK EXPERIENCE**

**AppLovin – Senior Software Engineer** | Palo Alto, CA | 07/2025 – Present

- Built an API leveraging **Playwright-based checks** to automatically screen uploaded HTML ad assets for behavioral violations (e.g., autoplay, unapproved external requests); blocked **20,000+** non-compliant uploads in Ads Manager and surfaced violation reasons in the UI.
- Shipped a **Playable Analytics API** with an Ads Manager dashboard adopted by **350+** advertisers; built the **Scala** reporting pipeline, flagged integrations for invalid event ordering or inconsistent counts, and authored **API docs**, ultimately lifting the install-rate model by **3 bps**.
- Mentored a summer intern to modernize the CTA tooltip in our playable ads, contributing to a **1.4%** margin lift.

**Capital One – Software Engineer (Full Stack)** | Boston, MA | 08/2023 – 04/2025

- 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 migration** to backfill **10,000+** general ledger records in **DynamoDB** with submission metadata, improving traceability and reducing failure resolution time by **18%**.

## **PROJECTS**

**Soundcheck** | GitHub: [github.com/jml312/soundcheck](https://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](https://dashboard.joshlevy.io)

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

## **EDUCATION**

**Rice University – M.S. Computer Science, Machine Learning (Online)** | 06/2024 – Expected 08/2026

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

## **SKILLS**

**Front-End:** React.js, Next.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), Spark

## **CERTIFICATIONS**

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