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Aaron Weiss

Software Engineer

Portfolio: <https://aweiss.dev>

SUMMARY

Software Engineer with 6 years of experience, driven by a dual passion for building accessible user experiences and fostering a healthy team culture. I specialize in React and Java environments, where I've led efforts to modernize legacy systems and integrate revenue-driving APIs. As a Scrum Master and mentor, I enjoy clearing the path for my teammates and using technical audits to ensure we're always shipping our best work.

EDUCATION

Bachelor of Science | Computer Science - The College Of New Jersey 2018

TECHNICAL SKILLS

Languages

JavaScript, TypeScript, Java, Python, C#, CSS, HTML

Frameworks & Databases

React, Material UI, NextJS, Tailwind CSS, Express, Spring Boot, Angular, Bootstrap, PostgreSQL, Redis

Tools

Git, Docker, Atlassian Suite, Jenkins, AWS (EC2, S3), Github Actions, Sumo Logic, Veracode, New Relic, Burp Suite, Office Suite

EXPERIENCE

iCIMS - Holmdel, New Jersey 2019 - 2025

Software Engineer III 2022 - 2025

- Acted as Scrum Master for a team of 5, facilitating ceremonies and adjusting metric targets to increase delivery consistency.
- Recognized for successful onboarding of new Agile team to learn critical business tools and processes.
- Led engineering effort to integrate with advertising partner RESTful API to implement a new revenue stream for the business.
- Boosted Google Lighthouse performance scores from 70 to 95+ by optimizing React bundle sizes and critical rendering paths, significantly improving First Contentful Paint (FCP) and Cumulative Layout Shift (CLS).
- Improved system scalability by implementing Redis caching strategies, reducing network hops and minimizing load on legacy backend services.
- Triaged and resolved defects in deployed software utilizing Sumo Logic, AWS, New Relic and distributed tracing.
- Piloted and integrated automated accessibility scanning tools into projects and CI/CD pipelines - performed knowledge sharing sessions to bolster Agile team understanding and participation.

Software Engineer II 2020 - 2022

- Collaborated with Architects to design and implement domain-driven Facade microservices, to deconstruct legacy monolithic features.
- Transitioned to an Angular codebase during a company acquisition; successfully implemented key features to align the acquired platform with urgent business requirements.
- Contributed to team growth by mentoring junior talent and interns, utilizing pair programming and code reviews to ensure high-quality project delivery.
- Performed and evaluated security scans (SAST, Pen Tests) to ensure security compliance at API and application levels.

Software Engineer I 2019 - 2020

- Collaborated with senior engineers to deploy full-stack bug fixes and feature enhancements in a high-traffic Java/React environment.
- Participated in code reviews and regression testing cycles, maintaining 80%+ code coverage for new feature modules.
- Ensured product reliability by implementing standardized 'Definition of Done' protocols and automated quality checks for all new feature releases.

PERSONAL PROJECTS

KnowYourPercents | <https://knowyourpercent.app> 2025
Web-hosted Videogame Dataset & Companion App

- Vite-powered monorepo containing website, Electron app, and data collection tool with shared resources and types.
- Utilize real-time file reads and vendor API to contextually display dataset given the current game state.

ASCNDR | <https://ascndr.onrender.com> 2019
Progressive Web Application (PWA)

- Social workout logger and progression tracker tailored to the sport of rock climbing.
- React SPA integrated with Google SSO and Firebase DB.