MATTHEW SEIDEL

Software Engineer

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Highly motivated, self-taught software engineer with professional experience in frontend web development. Determined learner, progressing from ground-zero to professional web developer in 365 days, acquiring five certifications from freeCodeCamp.org along the way. Demonstrated leadership as the Lead Frontend Engineer for Tech2Live. Open to both frontend and backend software engineering opportunities.

Skills

JavaScript • Typescript • Svelte • React • Redux • Next.js • D3.js • Node.js • Express • MongoDB • Material-UI • Git • Problem solving • Teamwork • Efficiency • Continuing Education • Empathy • Emotional intelligence • Patience • Communication

Professional Experience

Web Developer   **Array**, 2022-2023

Array is a late-stage, remote-first fintech company that focuses on providing innovative solutions to leverage and enhance consumer data. As a web developer, I played a crucial role in customizing and modifying our components and products in order to match our clients' needs.

Key Responsibilities:
- Coordinated with Client Solutions Architect to identify and address complex client requests.
- Optimized the performance and scalability of services by profiling and improving code.
- Identified and implemented ways to improve technology and processes, ensuring continuous improvement and experimentation in service of delivering the best products for clients and users.
- Relevant Technologies: JavaScript, TypeScript, React, NextJs, Svelte, Playwright, Chart.js.

Key Achievements:
- Successfully navigated multiple client deployments worth over 100k in yearly revenue, involving out-of-scope requests, including complex changes to SVGs, animations, and CSS, as well as changes to components' functionality using JavaScript, TypeScript, Svelte, and libraries like Chart.js.
- Increased testing setup efficiency by 50% through creating a customizable developer testing page. This page built dynamic URL parameters based on development environments, test identities, score models, available bureaus, and client theming.
- Contributed to a team effort that successfully reduced client theming turnaround time from one week to one day, resulting in a 400% increase in productivity and efficiency.
- Integrated dark themed versions of Array's component products, resulting in increased user engagement and satisfaction.
- Advocate for continuing education through book clubs and extracurricular breakout groups, staying up-to-date on emerging technologies and best practices in the industry.

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Volunteer Experience

Lead Developer   **Tech2Live**, 2022-present

Tech2Live is an early stage volunteer startup in the Tech-for-Good space. Our goal is to create a platform to financially aid survivors of domestic and sexual violence through the support of donors.

- Define tech stack and internal structuring to enable efficient teamwork and meet deadlines.
- Assign tasks to other developers, and participate in code and technical design reviews.
- Participate in weekly team meetings to ensure project milestones are met and resources are allocated effectively, resulting in on-time and within-budget delivery.
- Collaborate with UI/UX team to build website landing page and user dashboard, ensuring designs are feasible, user-centric, use maintainable and reusable code, and align with project requirements.
- Identify ways to improve technology, process, performance, and scalability of services.

Projects

DemocracyLabs Earth-a-thon   https://democracylab.org/events/earthathon2023

Lead developer, Tech2Live

A Hackathon dedicated to providing support to volunteer organizations in the tech-for-good space.

- Led development of front-end solution for Tech2Live's FlexSupport virtual card generation system
- Defined tech stack and internal structuring to enable efficient teamwork and meet tight time constraints
- Assigned tasks to other developers, demonstrating exceptional leadership and communication skills
- Anticipated and prevented issues that could arise from multiple people working on the same components, resulting in very few git conflicts
- Built out login flow and card generation flows for FlexSupport, achieving significant progress within a short amount of time
- Worked seamlessly with team to deliver outstanding front-end functionality that was highly praised by organization leaders
- Hone leadership, communication, and problem-solving skills, resulting in high-quality work delivered under pressure.

ROBO_BLOGGER   https://robo-blog.vercel.app/

https://github.com/mseidel819/robo-blog

ROBO_BLOGGER is a satirical blog platform that generates AI-written posts on AI and web development topics.

- Server-side and client-side rendering.
- Technologies: TypeScript, Next.js, React.js, Redux, MongoDB, Bcrypt, Next/Auth
- Development and production environment for testing.

Education

Southern Illinois University- M.M. Trombone Performance   2013-2015

Summa Cum Laude   *Carbondale, Il*

Illinois Wesleyan University - B. A. Music/Philosophy   2009- *2012*

Cum Laude   *Bloomington, Il*