MATTHEW SEIDEL

Front-end Developer

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Professional Experience

Web Developer   **Array**, 2022-2023

Array is a 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 our clients and users
- Relevant Technologies: JavaScript, TypeScript, React, NextJs, Svelte, Playwright, Chart.js.

Key Achievements:
- Successfully navigated multiple client deployments 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. This resulted in the retention of multiple clients worth over 100k per year in revenue.
- Created a customizable developer testing page leveraging Svelte and TypeScript, enabling efficient testing and debugging of dynamic 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.
- Developed light and dark themed versions of Array's component products, resulting in increased user engagement and satisfaction.
- Actively participated in continuing education through book clubs and extracurricular breakout groups, staying up-to-date on emerging technologies and best practices in the industry.

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.

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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.

- This project incorporates server-side and client-side rendering, enabling fast and efficient content delivery. It also includes authentication using Next-Auth and encryption with Bcryptjs for enhanced security.
- TypeScript is the main programming language, which enhances code maintainability and offers improved static type checking.
- Next.js is utilized for its full stack capabilities and seamless server-side rendering, ensuring optimal performance and search engine optimization.
- MongoDB serves as the database for storing comments and user data.
- Redux is employed for efficient state management, while React Hooks facilitate building reusable and functional components.
- CSS is utilized for styling and visual enhancements.

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

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*