

# MATTHEW SEIDEL

## Front-end Developer

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## Professional Experience

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### 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
- Participated in code and technical design reviews, adhering to Agile + Scrum methodologies
- Utilized containers and Docker development environments, as well as GitLab for version control

#### 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.
- Proactively identified and resolved an implementation bug in the Private Label product by creating a dark mode configuration in a React/ Next.js environment, resulting in the ability to offer dark mode theming to Private Label clients.
- 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

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### 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

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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.

Frontendmentor.io

<https://www.frontendmentor.io/profile/mseidel819>

*A site to solve real-world HTML, CSS and JavaScript challenges whilst working to professional designs. This profile contains multiple completed challenges while also experimenting with different libraries and development tools.*

- Create precise interfaces from wireframes or visual mockups using maintainable and reusable code.
- Implementation focuses React, Redux, and MaterialUi to build pixel-perfect websites within a realistic workflow, according to specific design parameters.
- Assist and support peers through code reviews.

## Skills

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

## Education

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**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