

Matthew Seidel

Software Engineer

Chicago, Illinois • (708) 533-5779 • mseidel819@gmail.com

github.com/mseidel819 • www.linkedin.com/in/mseidel819 • seidelmatt.com

- Highly motivated, self-taught software engineer with professional experience in frontend web development at a venture backed fintech startup.
- Determined learner, progressing from ground-zero to professional software engineer in 365 days, acquiring nine certifications and counting from freeCodeCamp.org along the way.
- Demonstrated leadership as the Lead Frontend Engineer for Tech2Live.

Skills

Python • Django • Django-Rest-Framework • Web scraping • JavaScript • Typescript • Svelte • React • Redux • Next.js • Node.js • Material-UI • Git • SQL • PostgreSQL • MongoDB • Docker • AWS
Problem solving • Teamwork • Efficiency • Continuing Education • Empathy • Emotional intelligence • Patience • Communication

Professional Experience

Web Developer

[Array](#), 2022-2023

Array is a late-stage, venture backed, 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 Achievements:

- Successfully led multiple client deployments, each worth over \$100k/year.
- Demonstrated expertise in enhancing components' functionality using a diverse tech stack, encompassing JavaScript, TypeScript, Svelte, and libraries like Chart.js.
- Overhauled the developer testing page using Node.js and Svelte, increasing testing efficiency by 50%.
- Increased client theming productivity and efficiency by 400% through collaborative contributions to in-house theme editor, using Svelte, React, and Typescript.
- Led the coding efforts for the first implementation of dark mode theming.
- Main point of contact for identifying and resolving all dark theme bugs in Svelte and React/Next.js repositories, deploying new features to clients with a 100% success rate.
- Advocate for continuing education through 100% attendance at book clubs and extracurricular breakout groups, staying up-to-date on emerging technologies and best practices in the industry.

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, CSS.

(Continued...)

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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 of front end repository to enable efficient teamwork.
- 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

Junk Free Recipes

[Website](#)

Blog Recipe Scraper/Website

<https://github.com/mseidel819/recipe-app-api>

<https://github.com/mseidel819/recipe-library>

[API docs](#)

This App is set up to scrape food blogs to get recipe information. It is linked to a frontend library of blog recipes without having to deal with ads, introduction stories, and general bloat of modern food blogs.

- Backend: Python, Django, Django-rest-framework, Docker, AWS, Beautiful-Soup, Postgres, SQL, GitHub Actions
- Frontend: React, JavaScript, TypeScript, Next.js, MaterialUI, React Query, Next-Auth, JSON web token
- Test Driven Development
- User authentication and protected routes
- Flexible, maintainable, and scalable for easy addition of new blogs.
- Production and Development environments through Docker containerization.
- Get all recipes from blogs such as “Sally’s Baking Addiction”, “Budget Bytes”, and “Half Baked Harvest”.
- Users can log-in and add favorites for easier access to their most used recipes.

Education

Southern Illinois University- M.M. Trombone Performance
Summa Cum Laude

2013-2015

Carbondale, IL

Illinois Wesleyan University - B. A. Music/Philosophy
Cum Laude

2009- 2012

Bloomington, IL