
Lisa Mabley

Senior Full-Stack Software Engineer

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PROFILE

Engineering leader and technical problem solver with 8+ years of full stack software engineering experience, notably with *TypeScript*, *Node*, and *PostgreSQL*. Over 10 years of experience wearing many hats in small/early-stage startups. Tech generalist: nimble and quick to learn new frameworks. Exceptional collaboration, mentoring, teamwork, and communication skills. Passionate about mission-driven work to make the world a better place.

EXPERIENCE

Joyuus, Boston MA - *Founding Engineer and First Employee*

SEPT 2023 - PRESENT

- I provided leadership on tool/stack recommendations, roadmap timing, allocation of resources, and feature prioritization.
- I wrote documentation and onboarding materials, and helped contractors learn the codebase.
- Over a 4 month period, I evolved the product from a no-code clickable prototype to a functional minimum viable product.
- I launched the application to AWS Cloud for clinical trial users.
- I set up analytics and tracking with Amplitude and Pendo, to provide product direction insights.
- I collaborated with my team to develop the roadmap for phase two.
- I added audio narration using AWS Polly AI-generated voices.
- I reinforced authentication security with auth0 and laid the groundwork for enterprise client SSO connections using external, federated identity providers.
- I added CASL for role-based access control.
- I launched the public beta testing phase.
- Set up the pilot to demo enterprise admin workflows to potential clients and investors.

Cloudburst SBC, Minneapolis MN - *Senior Full-Stack Software Developer*

MAY 2018 - APRIL 2023

- I built and scaled a public-facing mobile app, corporate content management system, and REST API for a senior living company with thousands of users and dozens of properties around the country; Created Integrated an IoT platform with fleet-managed devices; Released mobile apps to the Google Play store and iOS App Store; Prototyped an Amazon Alexa skill; Imported data from external systems.

TypeScript, React, Angular, Node, PostgreSQL, Ionic, Capacitor, GCP, AWS

- I enhanced a million-dollar yard care application project by adding customer data import, estimation functionality and a subcontractor layer, reducing manual work.
TypeScript, React, Supabase, Node, Next.js, GCP
- I established baseline data analytics and KPI levels for a rapidly-growing telehealth client, revealing and correcting gaps in data collection. I created an admin dashboard to track and visualize employee performance and care standards for a large volume of patients.
PostgreSQL, Big Query, Google Data Studio, GCP
- I created a HIPAA-compliant logging system and client dashboard to track signup failures and abandons, allowing a healthcare client to optimize its account creation and health history input process, unlocking product improvements and onboarding insights.
Sentry, Google Data Studio, GCP
- I scaled a training and regulatory compliance client's applications from 2,000 users to 44,000+ users; I optimized the REST API back-end service by streamlining queries and caching database results; I upgraded front-end app performance via table pagination, search, and sort; I released mobile apps to the Google Play and iOS app stores.
TypeScript, Angular, Node, Firebase, PostgreSQL, Ionic, GCP

ITM TwentyFirst, Minneapolis MN - *Full-Stack Software Engineer*

JUNE 2016 - MAY 2018

- I built a public-facing web app and REST API service for new customers to log in and confirm/update contact information, saving the company significant costs by automating a time-consuming step of customer interaction. *TypeScript, Angular, Node, MS SQL Server*
- I synthesized large datasets and wrote complex queries, functions, and stored procedures to isolate the financial products with the highest value, and provide clients with actionable information. *MS SQL Server*

EDUCATION

Prime Digital Academy, Minneapolis, MN - *Full Stack Software Engineering Certificate*

Completed an 18-week immersive program in full-stack software engineering using *JavaScript, Angular, Node.js, Express*, and *MySQL*

Minneapolis College, Minneapolis, MN

Took semester courses in *Python, Java, iOS/Objective-C*, and *Android* development.

University of Minnesota – Twin Cities, Minneapolis, MN - *Bachelor's Degree*

Completed a liberal arts bachelor's degree program with a major in art. Transformed my car into an "artcar" as my senior project.

TOP SKILLS

- **Languages:** TypeScript, JavaScript, SQL, HTML/CSS, Java, Python
- **Frameworks:** Node.js, React.js, Express, Angular
- **Databases:** PostgreSQL, Cloud Firestore, MySQL, SQL Server
- **Data Tools:** Google Data Studio, Big Query
- **Cloud Platforms:** GCP, AWS, Firebase, Supabase, Heroku
- **Mobile Tools:** Ionic, Cordova, Capacitor
- **Testing Tools:** Playwright, Mocha, Jest, Jasmine
- **ORM:** Prisma, TypeORM
- **CI/CD:** GitHub Actions
- **Performance Monitoring:** Sentry
- **Dev Tools:** GitHub, BitBucket, Jira, Docker, npm, Yarn, Homebrew, Asana, Notion
- **Creative:** Adobe Creative Suite (Photoshop, Illustrator, InDesign)
- **Methodologies:** Agile

MENTORING

- **Prime Digital Academy:** employed as full stack engineering teaching assistant, 2023
- **Code Switch civic hackathons:** volunteer for annual single-day events, 2018-2019
- **Hack the Gap hackathons:** volunteer for annual single-day events for female-identified and nonbinary adults, 2018-2019 [website mentor profile](#)
- **Prime Digital Academy:** volunteer mentor for 20-week full-stack engineering bootcamp programs for adults, 2017-2018
- **Technovation Challenge:** volunteer teaching assistant for 3-month program to educate junior high and high school girls about tech entrepreneurship, 2017
- **CoderDojo Twin Cities:** volunteer teaching assistant for monthly single-day events to introduce elementary school students to coding, 2015
- **Big Brothers Big Sisters Twin Cities:** 8+ year relationship, starting in 2000 [news article](#)