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 MN - *Founding Engineer*

SEPT 2023 - PRESENT

- Over a 4 month period, I evolved the product from a clickable prototype to a functional minimum viable product, and launched the application for clinical trial users. I set up analytics and tracking with *Amplitude* and *Pendo* to ensure clinical trial results are robust enough to provide actionable insights, along with persuasive impact numbers for potential investors. I also provided leadership on tool/stack recommendations, roadmap timing assessment, allocation of resources and feature prioritization.
  AWS, React, TypeScript, Node, PostgreSQL, Contentful, Clerk

- I collaborated with my team to develop our roadmap for phase two, and launched the public beta testing phase. I reinforced authentication security and laid the groundwork for enterprise client connections with *auth0*. I added audio narration using *AWS Polly* AI-generated voices, as well as *CASL* role-based acess control.
  AWS, React, TypeScript, Node, PostgreSQL, Contentful, Prisma

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*

Martin Williams Advertising, Minneapolis MN *- Digital Production Artist*
OCTOBER 2006 - SEPTEMBER 2013

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. Painted my car as my senior project.

TOP SKILLS

- **Languages:** TypeScript, JavaScript, SQL, HTML/CSS, Java, Python
- **Frameworks:** Node.js, React.js, Express, Angular
- **Databases:** PostgreSQL, SQL Server
- **No-SQL Databases:** Cloud Firestore
- **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
- **Analytics:** PostHog, Amplitude, Pendo
- **Performance Monitoring:** Sentry
- **Dev Tools:** GitHub, BitBucket, Jira, Linear, Docker, npm, Yarn, Homebrew, Notion, Asana
- **Creative:** Adobe Creative Suite (Photoshop, Illustrator, InDesign)
- **Methodologies:** Agile

MENTORING

Prime Digital Academy, Minneapolis MN -
Full-Stack Software Engineering Teaching Assistant (part-time)
MAY 2023 - AUG 2023

- I mentored two cohorts of students with little to no coding experience, preparing them for entry-level software careers.
- I demonstrated logging, debugging, and troubleshooting techniques.
- I eased learning friction, removed blockers to progress, and modeled growth mindset

Various Organizations, Minneapolis MN - *Volunteer mentor*

- Prime Digital Academy: 20-week program
- Technovation Challenge: 3-month program
- Hack the Gap hackathons: annual single-day events
- Code Switch hackathons: annual single-day events
- CoderDojo Twin Cities: monthly single-day events
- Big Brothers Big Sisters Twin Cities: single 8+ year relationship