

rachel fryan

Engineering and product leader with expertise in software development, hardware integration, and digital fabrication. Skilled in building and high-performing team, connecting with and mentoring colleagues, optimizing processes, and driving innovation. With in fast-paced tech environments & leadership experience, I bridge engineering and business needs through full-stack development, product strategy, and cross-functional collaboration. A former student-athlete and hands-on maker, I bring a disciplined, adaptable, and results-driven approach to problem-solving.

SKILL SET

Leadership & Management

- **Engineering management:** Hiring, mentoring, scaling teams
- **Product strategy:** Roadmapping, feature planning, cross-functional collaboration
- **Agile & Scrum:** Sprint planning, retrospectives, iterative development
- **Stakeholder** communication & alignment

Technical Skills

- **Languages & Frameworks:** TypeScript, JavaScript, Node.js, React, Ruby on Rails, HTML, CSS/ SASS
- **Testing & QA:** TDD, Unit & E2E (Playwright, Mocha, Cucumber)
- **Build & DevOps:** Webpack, NPM, CI/ CD, AWS

Design & Tools

- **UX & CAD:** Adobe CC, Figma, Fusion 360, Shapr3D
- **Mobile & Hardware:** Ionic (iOS/ Android), CNC programming, woodworking

Other

- Kite surfing, snowboarding, tri-athlete, soccer, Latin dance

EXPERIENCE

+ Dyna Builders

Seattle, WA

Custom residential construction company building unique homes

Carpenter

June '24 - Present

- Eliminated burnout from tech startups to hands-on residential construction, developing a new skill set in custom home building.
- Gained expertise in craftsmanship and structural design, contributing to the construction of floating homes.

+ Rheaply

Chicago, IL (Remote)

A B2B SASS champions environmental tech and circular economy by connecting diverse organizations to re-purpose and track their underutilized assets and equipment.

Lead software engineer

Aug '21 - Aug '23

- Led planning and development of web applications for asset and inventory management, serving Fortune 500 and top tech companies.
- Spearheaded the order and payment system, driving new revenue streams.
- Owned internal tools for customer success, streamlining onboarding and platform customization.
- Collaborated with product and design teams to define roadmaps, scope features, and drive execution.

+ Inventables

Chicago, IL

A series C funded start up intended to ignite a revolution in digital fabrication by bringing out the maker in all of us through the use of cloud based CAD/CAM software and personal CNC machines.

Team lead & software engineer

Sept 2018 - Aug '21

Software engineer I & II

Sept '18 - Jan '20

- Led planning and development of a web-based CAD/CAM and G-code sender application using React and Ruby on Rails, empowering makers to design and carve with CNC machines.
- Acted as the primary liaison between product and engineering, removing blockers and ensuring cross-functional alignment.
- Partnered with hardware engineering to optimize firmware and ensure seamless machine communication.
- Founded the Make and Discover Club and served as a culture team representative, fostering innovation and collaboration.

+ Trunk Club

Chicago, IL

Nordstrom acquired personalized home try on clothing service.

Software engineer II

Nov '17 - Aug '18

Frontend developer

Mar '16 - Nov '17

- Developed and maintained React-based customer experiences, a custom CMS (Statamic), and responsive marketing pages to enhance user engagement.
- Bridged communication between engineering and marketing teams to align technology with business goals.
- Improved UI/UX by enhancing site usability, accessibility, and performance.
- Served on Thread, Trunk Club's in-house systems design team, contributing to architecture and scalability initiatives.

+ Leapfrog Online

Chicago, IL

Digital marketing agency providing monolithic mircorsites

Frontend developer

Aug '15 - Mar '16

- Developed responsive websites and buy flows using AngularJS, HTML, SASS, Node.js, and Gulp.
- Worked closely with project managers and teammates to ensure timely and efficient execution.
- Co-led a user testing initiative, improving site usability and performance.

FREELANCE PROJECTS

- + **Website development** Seattle, WA
 - Designed, developed, and maintained custom websites for a diverse range of clients.
 - Built solutions ranging from website setup to database integration and full UI/UX design.
- + **Mobile app development** Seattle, WA
 - Developed a cross-platform mobile app (Ionic framework) to manage 500+ campers and 50+ staff, facilitating assignments, real-time scoring, and session logistics.
- + **Custom carpentry** Seattle, WA
 - Designed and built custom CNC signs, furniture, and remodels, blending engineering precision with craftsmanship.

EDUCATION

- Seattle Central College Sept '23 - June '24
- Accredited Program in Carpentry
- Ohio University Sept '10 - May '15
- Bachelors of Science in Computer Science
 - Bachelors of Science in Visual Communications Interactive Multimedia
 - Student Athlete - Soccer
- Self guided & online
- Mark Rober Creative Engineering
 - Udemy - The Complete Ruby on Rails Developer Course
 - Wes Boss Advanced React Course

INVOLVEMENT

- Volunteer at Sawhorse Revolution
- Codeverse guide and presenter
- Volunteer at Chicago Tool Library
- Cook County as Poll Worker (2020)
- Rebuild Exchange Shop Assistant
- Ohio University Women's Soccer "Rachel Fryan - Unsung Hero Award"