

rachel fryan

software engineer +
carpenter

craftsperson & problem
solver in construction,
design & software

Innovative software engineer turned full-time carpentry student, adept at seamlessly navigating both front-end and back-end stacks within web applications. While excelling in the agility of front-end development and design, my passion extends to both realms. Drawing from my experience as a former student athlete, I bring a disciplined and collaborative approach to every project, embodying a creative spirit in crafting meaningful solutions.

FREELANCE PROJECTS

+ Website development and maintenance

Design, develop and maintain customize websites. Projects can range from initial website setup, to database work, to website design and implementation.

+ Custom woodworking

Design and build workpieces for clients. Projects range from custom CNC signs to elegant pieces

+ Creative engineer - BottlesUp!

Created custom cork board, logo sign, murals, and carpentry projects for BottlesUp wine shop in Chicago, IL

+ Camp Shutout phone app

Used Ionic framework to build an app for both iPhone and Android to organize 500+ child campers and 50+ staff with assignments, game rules, and session education, real time score submission.

INDUSTRY EXPERIENCE

+ 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.

Software engineer Aug'21 - Aug'23

- > Build and maintain web applications for assets and inventory management for top tech and Fortune 500 companies
- > Helped conduct discovery and research for upcoming applications & work
- > Collaboratively scope and define weekly work with product and design
- > Lead and implemented order and payment system for Rheaply platform which helped bring in additional revenue
- > Maintainer of internal system used by customer success which enables customer on-boarding and customization of the platform

+ 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

- > Coded and maintained React customer first experience interface, maintained custom CMS (Statamic), responsive landing pages and emails for marketing campaigns, and enhanced style and usability for UI web interface
- > Bridge communication between marketing and engineering to better align development, goals, and technology stacks
- > Member of Thread - in house systems design team

+ 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 & engineer Feb'21 - Aug'21

Software engineer II Sept'19 - Jan'20

Software engineer I Sept'18 - Sept'19

- > Build and maintain a CAD/CAM/G-code sender web-based application written in Ruby on Rails and React, with proper testing suite, to allow users to design and carve their greatest creations into a reality
- > Primary liaison for product and software by removing blockers and facilitate shared understanding
- > Work closely with hardware engineering team to innovate solutions and support firmware for machines to ensure code is transmitting correctly
- > Founded Make and Discover Club in 2019 & culture team representative

+ Leapfrog Online Chicago, IL

Digital marketing agency providing monolithic mircorsites to corporate tycoons.

Frontend developer Aug'15 - Mar'16

- > Wrote code for responsive websites and buy flows using customized team stack and helped maintain it with latest technologies [Gulp, Node] languages, [Angular JS, HTML, & SASS] and tools
- > Collaborate and communicate with teammates and project managers to initiate, execute, and complete project requests timely and efficiently
- > Co-lead initiative to initiate user testing

EDUCATION

Seattle Central

Sept '23 - Present

- > 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

SKILLS

Libraries & Languages

- > Typescript, React, HTML, CSS/ Sass, Node JS
- > Testing: TDD, Unit and E2E - Playwright, Mocha, Cucumber
- > Have experience with: Angular JS, GRBL, MJML, PHP, Ruby, SQL, VBA

Programs & Tools

- > Adobe After Effects, InDesign, Illustrator, Photoshop, Premiere
- > CAD design (Fusion 360, Shapr3D)
- > NPM, Webpack

Random

- > Woodworking, making, kite surfing, snowboarding, tri-athlete, soccer, Latin dance

INVOLVEMENT

- > 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"

rylan
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+ reengineer software
carpenter
craftsman & problem
solver in construction
design & software