

JIM MACUR

Full Stack Software Developer

jim.macur@gmail.com • 720-563-1705 • [LinkedIn](#) • [Github](#) • [Portfolio](#)

Technical Skills

- **Languages/frameworks:** React, Vue.js, HTML, Tailwind CSS, CSS, JavaScript, Ruby, Rails, SQL, ActiveRecord
- **Testing:** Cypress, RSpec, SimpleCov, FactoryBot, VCR
- **Tools/Workflow:** Git, GitHub, GitHub Projects, Figma, Slack, JIRA, REST APIs, TDD
- **Learning:** Angular, Jest

Projects

Chess War | [\[GitHub\]](#) [\[Deployed Link\]](#) Vue.js, Tailwind CSS, TypeScript

Conceptualized, planned, and developed an interactive fusion of chess and the card game War, including Figma designs and project boards

- Learned Vue.js to implement dynamic routing and maintain a scalable component-based architecture adhering to DRY and SRP principles.
- Developed an intuitive gaming experience with features like sessions with username and avatar customization, piece color selection, interactive gameplay, and win announcements with follow-up actions.

Tracker | [\[GitHub FE\]](#) [\[GitHub BE\]](#) React, TypeScript, Tailwind CSS, Cypress, Rails, RSpec, CircleCI

Collaborated with an agile team of 14 to develop a job-tracking application

- Built intuitive interfaces for company related features: **company details, create new company, and live search**
- Integrated API calls and routing to connect frontend components to backend functionality seamlessly

Down the Rabbit Hole | [\[GitHub\]](#) | [\[Deployed\]](#) React, Cypress, Rails, RSpec

Collaborated with an agile team of 5 to develop a user-friendly educational site interface for learning animal facts and interacting with a food web.

- Ensured accessibility with dyslexia-friendly fonts, tabbable elements, enter-key activation, and high color contrast for better visibility.
- Collaborated in an agile workflow through daily stand-ups, project boards, and testing reviews to maintain clear communication and project process

Professional Experience

Teacher, Jefferson County Open School, Lakewood, CO.

08/2015 - 05/2024

- Designed innovative curricula and facilitated collaboration to enhance educational outcomes
- Ranked "Highly Qualified" according to JeffCo standards for teacher performance excelling at student achievement
- Led an after school chess club for **4 years** teaching **dozens** of students critical thinking, strategy, and the love of chess

Education

Accredited Certificate in Software Engineering

Jan 2025

Turing School of Software and Design

University of Colorado, Denver - Teaching Certificate

University of Minneapolis, Minnesota - Masters of Music

University of La Crosse, Wisconsin - Bachelor's of Science in Music

Leadership Experience

Lab Host Mentor Teacher with [PEBC](#) @ Jefferson County Open School, Lakewood, CO

- Facilitated professional learning by hosting lab classroom visits, enabling **dozens** of teachers to observe and discuss effective instructional practices, thereby enhancing teacher agency and promoting school-wide equity to **hundreds** of students.
- Promoted skillful teaching by emphasizing planning, community building, workshop methods, thinking strategies, discourse, and assessment, leading to improved student outcomes and deeper understanding of effective instruction.