JIM MACUR

Full Stack Software Developer

jim.macur@gmail.com • 720-563-1705 • LinkedIn • Github • Portfolio

Summary

Full stack software developer with 9 years of teaching experience, recognized for exceptional communication, leadership, and problem-solving skills. Eager to leverage a background in collaboration and innovation to create accessible, user-friendly applications. Known for fostering teamwork, driving successful outcomes, and contributing to positive work environments.

Technical Skills

- **Languages/frameworks:** React, Vue.js, HTML, Tailwind CSS, CSS, JavaScript
- **Testing:** Cypress
- **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 CRM application

- Designed and implemented backend API endpoints for company management
- 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

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

Turing School of Software and Design, Student Leader Representative

- Served as a liaison between my cohort and faculty, facilitating communication and community engagement.
- Organized weekly meetings focused on professional development and team-building, enhancing collaboration and honing leadership skills.
- Supported 13 full stack engineers through 6 weeks of intensive project work, providing guidance on coding challenges and fostering a supportive learning environment.