

JIM MACUR

Full Stack Software Developer

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Technical Skills

- **Languages/frameworks:** React, Ruby, Rails, HTML, CSS, JavaScript, SQL, ActiveRecord
- **Testing:** TDD, RSpec, FactoryBot, Faker, Webmock, VCR, SimpleCov, Cypress
- **Tools/Workflow:** GIT, GitHub, GitHub Projects, Slack, Zoom, JIRA, Postman, Postico, Rest APIs,

Projects

Full-Stack Developer, remote team of five

 **Down the Rabbit Hole** | [\[GitHub Org.\]](#) | [\[Deployed Link\]](#)

Led a team of 5 developers to create my application idea of a user-friendly educational site interface for learning animal facts and interacting with a food web.

- Integrated two third-party API calls to fetch animal data and images.
- 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

Front End Developer, remote team of two

 **Rancid Tomatillos** | [\[Github\]](#)

Showcases dynamic content, including random movie scrolls, detailed movie views, and interactive user voting on film ratings via API calls

- Lead the implementation of an interactive voting system allowing users to rate films via API calls, enhancing user engagement by enabling them to contribute to community ratings.
- Utilized Cypress for end-to-end testing to ensure robust functionality and seamless user interactions. Stubbed API calls were used during testing to simulate real-world scenarios.

Professional Experience

 Teacher, Jefferson County Open School, Lakewood, CO.

08/2015 - 05/2024

- Collaborated with cross-functional teams to identify and solve complex challenges to create innovative solutions and improve educational outcomes
- Recognized for exceptional performance in driving successful outcomes, constantly meeting and exceeding key performance indicators and quality standards for educators

Education

Accredited Certificate in Software Engineering

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

Teacher @ Jefferson County Open School, Lakewood, CO - Lab Host Mentor Teacher

- 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.
- 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.

Turing School of Software and Design, Student Leader Representative

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