

Jacob Marthaller

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714-809-5895

[LinkedIn](#)

[GitHub](#)

[Medium](#)

[Portfolio](#)

TECHNICAL SKILLS

JavaScript | TypeScript | React | Redux | Ruby on Rails | Node | GraphQL | Express | MongoDB | PostgreSQL | Selenium | Docker

WORK EXPERIENCE

Software Engineer

[Olive AI](#)

Remote

September 2021 - Present

Creating the Internet of Healthcare

- Built a context-aware framework for use by Olive's automation engineers, increasing velocity by approximately 30%
- Designed web/API-based automations in TypeScript, increasing daily insurance discovery by 1000% on average
- Developed a React/AWS Lambda desktop application to streamline EHR documentation
- Scheduled live automations for 25+ healthcare providers, troubleshooting issues as needed
- Onboarded 20+ new staff to Olive's reusable, configurable software products
- Organized and coordinated a bi-weekly team code review to improve code quality

Software Engineer (Contract)

[Hearth.io](#)

Remote

March 2021 - September 2021

A real-time communication app that simulates a physical office for enhanced team collaboration

- Refactored web pages using TypeScript to reduce bug rate in codebase
- Leveraged GraphQL to fetch and describe data throughout the application to reduce network requests
- Created responsive web pages using CSS media queries, increasing user base

PROJECTS

[CaseFiles](#) | [GitHub](#) | Technologies Used: Node.js, React, TypeScript, Apollo GraphQL

Web-based application that helps true crime fans collaborate on real-life events

[Putrid Potatoes](#) | [GitHub](#) | Technologies used: Ruby on Rails, React, Redux, PostgreSQL

Social media application allowing users to review films and interact with other movie-lovers

[Polenta To Go Around](#) | [GitHub](#) | Technologies used: Ruby on Rails, React, PostgreSQL

A web application that connects users with restaurants that sell discounted surplus food items to fight food waste

[YouTravel](#) | [GitHub](#) | Technologies used: Ruby on Rails, JavaScript, PostgreSQL

YouTube-inspired single-page-application curating travel videos to users planning a trip to a particular city

ADDITIONAL PROFESSIONAL EXPERIENCE

Digital Court Reporter/Technical Writer

Washington, DC

Neal R. Gross & Co., Inc.

2016 - 2020

- Designed a Freedom of Information Act (FOIA) request-response pipeline to optimize procurement strategy
- Digitally recorded and accurately transcribed 400+ criminal and civil legal proceedings

Chief Operations Officer

Irvine, California

Taylor Video Productions

2012 - 2013

- Launched a commercial video production company and oversaw operations for 24+ clients
- Supervised and trained 5-person team of apprentice video editors on Final Cut X software

EDUCATION

Flatiron School

New York, NY

Certificate, Full Stack Web Development (Ruby on Rails, JavaScript, React)

2021

University of Virginia

Charlottesville, VA

MA, Religious Studies (GPA: 3.93)

2015

California State University, Fullerton

Fullerton, CA

BA, Religious Studies, *magna cum laude* (GPA: 3.83)

2012