Jacob Marthaller

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TECHNICAL SKILLS

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

WORK EXPERIENCE

Software Engineer   Remote
Olive AI   September 2021 - Present
Creating the Internet of Healthcare
- Built internal applications to enhance the productivity of Olive's automation engineers
- Designed web and API-based automations in TypeScript to process thousands of patients' insurance coverage daily
- Developed a lightweight desktop application in React to streamline electronic health record documentation
- Coordinated the scheduling and troubleshooting of live automations for 20+ healthcare providers
- Onboarded new staff to Olive's reusable software products
- Organized a bi-weekly team code review to improve code quality

Software Engineer (Contract)   Remote
Hearth.io   March 2021 - September 2021
A real-time communication app that simulates a physical office for enhanced team collaboration
- Refactored web pages using TypeScript to prevent bugs in development
- Leveraged GraphQL to fetch and describe data throughout the application to reduce network requests
- Created responsive web pages using CSS media queries

PROJECTS

CaseFiles | GitHub | Technologies Used: Node.js, React, TypeScript, Apollo GraphQL
A web-based application that helps true crime fans organize facts about real-life events

Putrid Potatoes | GitHub | Technologies used: Ruby on Rails, React, Redux, PostgreSQL
A social media application allowing users to review films and interact with other users

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
A YouTube-inspired single-page-application that curates travel-related 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 bidding strategy
- Recorded and transcribed 300+ criminal and civil legal proceedings

Chief Operations Officer   Irvine, California
Taylored 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 in Full Stack Web Development (Ruby on Rails, JavaScript)   2021

University of Virginia   Charlottesville, VA
MA in Religious Studies (GPA: 3.93)   2015

California State University, Fullerton   Fullerton, CA
BA in Comparative Religions, *magna cum laude* (GPA: 3.83)   2012