

# Jacob Marthaller

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[LinkedIn](#)

[GitHub](#)

[Medium](#)

[Portfolio](#)

## TECHNICAL SKILLS

JavaScript | TypeScript | React | Ruby on Rails | C# | RabbitMQ | Node | GraphQL | Express | MongoDB | PostgreSQL | Docker

## WORK EXPERIENCE

### Software Engineer

[Apartments.com \(CoStar Group\)](#)

Irvine, CA

December 2022 - Present

Payments team

- Team processed \$5.04B in payments for over 500,000 Apartments.com customers
- Contributed to a rewrite of the legacy Ruby codebase to C#
- Composed emails and configured asynchronous jobs for 10+ tax-related customer emails
- Built front-end/back-end flow to encourage users to receive paperless communication, reducing snail mail usage by 20%
- Wrote integration specs for payment processing with Stripe
- Improved collaboration with Product team by introducing Figma and Trello to workflow
- Coordinated a series of Lunch and Learns to encourage the team to use TypeScript
- Increased onboarding documentation for engineers by 50%

### Software Engineer

[Olive AI](#)

Remote

September 2021 - November 2022

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
- Wrote comprehensive documentation on MVP

## 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
- Drafted and edited policy-driven technical reports
- Created a spreadsheet and pivot table for 40+ years of federal contracting bids
- Developed MS Word macros for proofreading transcripts, increasing efficiency by 33%

## EDUCATION

### Flatiron School

New York, NY

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

2021

### University of Virginia

Charlottesville, VA

MA, Philosophy (GPA: 3.93)

2015

### California State University, Fullerton

Fullerton, CA

BA, Philosophy, *magna cum laude* (GPA: 3.83)

2012