John Mangel
Sr. Software Engineer, Tech Lead

(530) 306-5321
john.m5321@yahoo.com
linkedin.com/in/john-mangel

OBJECTIVE

I'm a product-focused, self-led, full-stack engineer looking to share my experience in creative problem solving, leadership, and agile collaboration with teams focused on global impact and helping people.

PRIMARY TECH STACK

- Complex, interactive UIs for web apps, PWAs, or hybrid apps with **React**, **Remix** and **TypeScript**
- APIs, server-side rendered views, and OOP with **Ruby on Rails**
- Design and extension of **MySQL databases**

HUMAN LANGUAGES

- Fluent or conversational **Spanish**, **German**, and **Brazilian Portuguese**
- Basic **Italian**

EXPERIENCE

AppFolio, Inc., Goleta, CA - *Contracting Software Engineer*   OCT 2022 - NOV 2024
- Extended marketing, leasing, and reporting capabilities to **solve needs specific to student housing**, such as pre-leasing for future school terms and comparing leasing performance across terms, to **expand our market to reach larger customers with student housing or mixed portfolios**
- Conducted customer discovery with a cross-functional team to find product fit in a new market
- Built a complex bulk rent editing tool, including relative or scaled increases and rounding options including 'charm price' (ie., "Nearest $99"), which customers used to complete **tens of thousands of individual price updates in easy batches** in less than six months since launch

Toptal, Remote - *Freelance Software Engineer*   JUL 2022 - MAR 2023
- Extended web apps based on **React**, **Ruby on Rails**, and **MySQL** for various contracting clients
- Added collaboration and editing functionality to an education nonprofit's web app promoting project-based learning used by hundreds of educators to plan, track, and share project plans
- Added visualization of session attendance metrics for an online conference management platform

AppFolio, Inc., Goleta, CA - *Sr. Software Engineer, Tech Lead*   SEP 2017 - DEC 2020
- **Trained & mentored** new software engineers on **agile**, cross-functional teams building for the user
- Met weekly with direct reports to support individual growth and maximize team collaboration
- Optimized customer experience using performance metrics and profiling tools

Tesla, Fremont, CA - *Software Engineering Intern*   JUN 2016 - SEP 2016
- Deployed hybrid iOS/browser apps with **Cordova** built on **Vue** clients, **Node** APIs, and **MongoDB**
- Developed a pair of mobile apps to request and manage (respectively) loaner vehicle reservations

EDUCATION

UC Santa Barbara, CA - *B.S. Computer Science - Linguistics Minor - **GPA: 3.97***   SEP 2013 - JUN 2017
- **Outstanding Senior** - Highest GPA of the Computer Science graduating class