Joseph Wyman

Contact

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Boston, MA

Portfolio

https://www.jwymandev.com

GitHub

https://github.com/Jwyman328

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, CSS, SASS, HTML, Swift
Frameworks: React, React Native, Angular, Node.js + Express, Django, Django REST Framework,
Tools: Git, Jira, Jest, Mocha, Chai, Redux, React-Testing-Library, SuperTest, Angular Material, RxJS
Databases: MongoDB, PostgreSQL
Methodologies: Agile, SOLID, REST, Responsive-design
Exposure: Docker, CircleCI, Redis, PostgreSQL, Selenium, Kotlin

EXPERIENCE

Frontend Software Engineer
   Trade Hounds Inc. (https://tradehounds.com and https://apps.apple.com/us/app/trade-hounds/id1438568937)
      Boston, MA (Remote) / November 2020 - Present

- Led the architectural design and development of new web and mobile application features in React and React Native.
- Spearheaded an initiative to start implementing testing throughout the frontend codebase and maintained testing as part of the team's process.
- Managed Mobile deployments though the IOS app store and google play store.
- Utilized react performance standards to improve the speed of the app.
- Helped refactor legacy React class based components to modern functional hook based components.
- Quickly created an application wide Oauth like proof of concept delivered to the board of directors that could be used to help integrate large organizations (Home Depot, ClickSafety, Arcoro) into the app.
- Happily tackled unfamiliar software problems in native IOS and Android despite the lack of experience in such environments.

Full Stack Software Engineer
   Policy Analysis Inc. (Hero3 Team)**,** Boston, MA (Remote) / April 2020 - November 2020

- Built new application features, writing front and backend code with unit tests, using the MEAN stack.
- Collaborated with designers to produce a complete UI overhaul of the company's application.
- Refactored messy unRestful API's to use REST standards.
- Refactored highly coupled express code to use clean code practices of decoupling and improved naming.
- Restructured API testing suite to include clean code standards, improving the sustainability and functionality of the testing suite.
- Showed creativity to solve legacy code issues, writing vanilla JS scripts to interact with rigid older application.
- Scrum team member with daily standups and agile sprints to deliver fully tested features in a timely manner.
- Seamlessly collaborated with designers and end-to-end testers to bring to life application features.
- Integration of TypeScript, applying Object Oriented design principals & utilizing SOLID principles

CONSULTING EXPERIENCE

Full Stack Software Engineer
   Xoán de Lugo, Santiago de Compostela, Spain / February 2020 - April 2020

University Miguel Anxo Bastos (https://universidad-de-bastos.netlify.app/)   **GitHub:** Front-End | Back-End
Front-End Stack: Angular, TypeScript, RxJS, SASS, Jasmine, Karma
Back-End Stack: Node, Express, Docker

- Built an education based web application for University of Santiago de Compostela professor Miguel Bastos.
- Utilized Youtube's API to display videos, while adding unique additional note taking features.
- Followed clean architecture principals to build a Database Access Layer in the backend.
- Used component based architecture to easily extend the project as needed without modifying existing code.
- Implemented docker containers along with docker database seeding commands in the backend to simplify and strengthen the software development life cycle.

Full Stack Software Engineer
Richard Burr Inc, Santa Monica, California / December 2019 - February 2020
Meditation MVP Mobile App

Front-End Stack: React-Native, Redux, Jest, React-Testing-Library

Back-End Stack: Django, Django REST Framework, PostgresSQL

- Designed, Tested and Built MVP IOS meditation app with a focus on improving people's mental health.
- Built a RESTful API in the backend and used redux to manage large amounts of user data in the frontend.
- Extensive testing and documentation, used smart testing principals mocking api calls with moxios.
- Features: Listen to audio meditations, Track Calories, Track Steps, Track Mood, Journal, Message Friends.

PERSONAL PROJECTS

Meditation Web App (https://reverent-jepsen-7d1dce.netlify.app/login)   **GitHub:** Front-End | Back-End

Front-End Stack: Angular, TypeScript, SASS,

Back-End Stack: Node.js, Express, MongoDB

- Designed and Built meditation app with a focus on improving people's mental & physical health.
- Built a RESTful API with Node.js + Express with authentication and increased security with bcrypt.
- Structured MongoDB documents for speed and ease of use.
- Features: Listen to audio meditations, Track meditations, Track Mood, and Journal.

Fitness Challenge App 2 (https://awesome-allen-63c7e5.netlify.app/)   **GitHub:** Front-End | Back-End

Front-End Stack: React, CSS, SASS, Jest, React Testing Library

Back-End Stack: Node.js, Express, MongoDB, Redis, SuperTest, Jest

- Built a RESTful API for Fitness Challenge App 2, implemented a flux pattern to manage data in the front-end.
- Installed Redis DB for quick authentication and session management in the backend.
- Authentication: JWT, wrote authentication middleware, password hashing for increased security with bcrypt.
- Implemented Test Driven Development and used SASS css preprocessor, to focus on clean code standards.
- Used code-splitting and lazy loading for increased time to first paint web performance.
- Integration of responsive design utilizing media queries, SASS, CSS & BEM naming convention for clean CSS.
- Features: Track health activities, Interactive graphs, Challenge/compete against friends, set personal goals.

EDUCATION

Rey Juan Carlos University

Master of Science (MS), Austrian Economics   *Madrid, Spain*

- GPA 3.7
- Received a Masters in Austrian Economics spanning such topics as Money and Banking, Economic Cycles, Innovation and Technology and more. The program was led by world-renowned economist Dr. Jesús Huerta de Soto.

Framingham State University

Bachelor of Science (BS), Economics and Entrepreneurial Studies   *Framingham, MA*

- GPA 3.9   (Summa Cum Laude)
- Department of Business Outstanding Entrepreneurship Student Award