

# Joseph Wyman

## Contact

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## Portfolio

<https://www.jwymandev.com>

## GitHub

<https://github.com/Jwyman328>

## TECHNICAL SKILLS

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**Languages:** JavaScript, TypeScript, Python, CSS, SASS, HTML

**Frameworks:** Angular, Node.js + Express, React, React Native, Django, Django REST Framework, RxJS

**Tools:** Git, Jest, Mocha, Chai, Redux, React-Testing-Library, SuperTest, Angular Material, Jira

**Databases:** MongoDB, PostgreSQL

**Methodologies:** Agile, SOLID

**Exposure:** Docker, CircleCI, Redis, PostgreSQL, Selenium, UnitTest

## EXPERIENCE

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### Full Stack Software Engineer

**Policy Analysis Inc. ([Hero3 Team](#))**, Boston, MA / April 2020 - Present

- Built new application features, writing front and backend code with unit tests, using the MEAN stack.
- Refactored messy unRESTful APIs 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 following agile sprints to deliver fully tested reliable 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

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### Full Stack Software Engineer

**Xoán de Lugo**, Santiago de Compostela, Spain / March 2020 - Present

**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.

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### Full Stack Software Engineer

**Richard Burr Inc.**, Santa Monica, California / December 2019 - March 2020

### Meditation MVP Mobile App

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

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

- 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

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**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.
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**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

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### Rey Juan Carlos University

Master of Science (MS), Economics

*Madrid, Spain*

- GPA 3.7

### 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