

Joseph Wyman

Contact

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Portfolio

<https://www.jwymandev.com>

GitHub

<https://github.com/Jwyman328>

TECHNICAL SKILLS

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

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

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

Databases: MongoDB, PostgreSQL

Methodologies: Agile

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

EXPERIENCE

Full Stack Software Engineer

Policy Analysis Inc. ([Hero3 Team](#)), Boston, MA / 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.
- Followed three week agile sprints to deliver fully tested reliable features on time.
- Seamlessly collaborated with designers and end-to-end testers to bring to life application features.

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 1 (<https://whispering-cove-55290.herokuapp.com/accounts/login/>)

GitHub: Front-End&Back-End

Front-End Stack: Python, Django, Vanilla JS, HTML, CSS, Bootstrap, Selenium

Back-End Stack: Django, PostgreSQL, UnitTest

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.
 - Features: Track health activities, Interactive graphs, Challenge/compete against friends, set personal goals.
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Meditation Mobile App (https://expo.io/@jwyman328/meditation_app)

GitHub: Front-End | Back-End

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

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

- Designed, Tested and Built IOS meditation app with a focus on improving people's mental & physical health.
- Built a RESTful API in the back-end, and used redux to manage large amounts of user data in the front-end.
- 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.

EDUCATION

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