

Joma Pormentilla

Jersey City NJ 07302 - 201.893.8739 - jomapormentilla@gmail.com - [GitHub](#) - [LinkedIn](#)

FULL STACK SOFTWARE ENGINEER

Full Stack Software Engineer with experience in Rails, React, Redux, JavaScript, and PHP. Former entrepreneur with a passion for developing creative, aesthetic, and feature-rich applications. A highly organized & detail-oriented professional who actively seeks to expand his knowledge and skill set in the tech industry.

TECHNICAL SKILLS

Ruby on Rails, JavaScript, React, Redux, JSON, HTML, CSS, Bootstrap, FlexBox, SQLite, Postgres, ActiveRecord, MySQL, Git, Heroku, Netlify

PROJECTS

Jomatrix, [Github](#) | [Demo](#)

Mar 2021

A photo sharing application developed with a React/Redux frontend & Rails API backend. Users can upload images to their account, browse images posted by other users, leave comments & likes on posts, and follow other users.

- Connected the application to a Redux store, allowing custom-built React components to access state data from outside the component tree.
- Protected the backend Postgres database from unauthorized accounts by authenticating users via JavaScript Web Tokens (JWT)
- Utilized [react-s3](#) library to connect the application to AWS Image Storage, allowing users to upload & save images to a public S3 Bucket.
- Technologies - [React](#), [Redux](#), [Ruby API](#), [AWS S3](#), [ActiveRecord](#), [PostgreSQL](#), [FlexBox](#)

Launch, [Github](#) | [Demo](#)

Feb 2021

A project management single page application where users can build teams, track progress, and communicate via a built-in chat system.

- Constructed custom JavaScript classes in an Object-Oriented Design pattern to manage, retrieve, and update data from a backend API source
- Authenticated a user's local session by utilizing Windows Local Storage, a randomly generated token, and custom authentication routes
- Utilized Rails Application Cable to integrate WebSockets functionality in order to allow users to instantly send & receive chat messages
- Technologies - [Vanilla JavaScript](#), [Ruby API](#), [ActiveRecord](#), [PostgreSQL](#), [WebSockets](#), [FlexBox](#)

Jomazon Prime, [Github](#) | [Demo](#)

Jan 2021

A demo e-commerce application inspired by Amazon.com's website & user functionality. Users can sign up for a buyer or seller account to create new products, add products to their cart, and rate, review, & comment on products or other user profiles.

- Modeled custom Ruby classes, database schema, and REST API with ActiveRecord, Postgres, and Ruby on Rails
- Integrated AWS Image Storage, allowing users to upload product images & personal profile images
- Implemented Google Omni-Auth 2.0 to allow users to sign up or login with their Google account
- Technologies - [Ruby on Rails](#), [ActiveRecord](#), [PostgreSQL](#), [Bootstrap 4.0](#)

PROFESSIONAL EXPERIENCE

The Escape Plan

Edison, NJ

Co-Founder, Web Developer, Management

Feb 2016 — Mar 2020

- Designed & developed the company website (www.theescapeplannj.com) with PHP, Bootstrap 3.0, JavaScript, [FullCalendar](#), and [Stripe](#)
- Developed a web-based Booking System equipped with a frontend calendar for customers to submit payment and create reservations, as well as an authenticated interface for employees to manage reservations. This in-house application reduced 100% of budget spending on a third-party system
- Developed a Hint System allowing employees to remotely communicate with customers via a live broadcast and track statistics on a per-group basis
- Integrated Google Analytics to observe visitor trends allowing the marketing team to develop new advertising strategies
- Created various web graphics (Adobe Photoshop) for online advertisements and physical flyers
- Implemented various systems & strategies to facilitate employee management, customer service, and general facility maintenance
- Improved administrative efficiency by developing a Scheduling System to track employees' working hours

Synametrics Technologies

Plainsboro, NJ

Software Support Engineer

May 2013 — Jan 2016

- Identified & resolved customer issues by replicating errors in a controlled environment via virtual machines (VirtualBox)
- Responded to customer tickets on a daily basis as the first point of contact in the company's ticketing system
- Redesigned frontend UI for the company's email application utilizing Bootstrap 2.0
- Researched networking protocols to better facilitate customer needs regarding Windows Firewall, Telnet, HTTP(S), SSL Certificates, LAN/WAN, etc.

EDUCATION

Flatiron School

New York, NY

Full Stack Software Engineering Bootcamp

March 2021

Rutgers University

New Brunswick, NJ

Bachelor of Science in Electrical & Computer Engineering

May 2012