

Patrick McGuigan

Software Engineer

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I am a Software Engineer with experience building projects using **Ruby on Rails, Javascript, ReactJS, Redux, PostgreSQL, MongoDB, Docker and NodeJS** as well as many other programming languages and technologies. My focus includes putting organization, smooth functionality and responsive design at the heart of what I provide. With backgrounds in instruction, sales and graphic design, I have learned to prioritize dynamic problem solving and strong communication. While my passion is in technology, development, and design I also feel a great sense of satisfaction when learning something new.

SKILLS

Languages, Frameworks & Libraries //

JavaScript, React, React-Spring, Python, Ruby on Rails, jQuery, NodeJS, ExpressJS, AJAX, Redux, HTML, CSS.

Management & Deployment //

Docker, Git, GitHub, Heroku, Command Line.

Databases //

PostgreSQL, MongoDB, Mongoose.

Methodologies //

Object-Oriented Programming, MVC Pattern, Test-Driven Development, Responsive Design, Authentication, User Stories, ERDs, Wireframing, Agile Development, Scrum.

Proficiencies //

Database Architecture, Problem Solving, Communication, Leadership, Optimization, Strategic Planning, Data Structures, Version Repository, Web API, Front-End Web Development, Full-Stack Web Development.

PROJECTS

PokéSearch // [GitHub](#)

PokéSearch is built with **HTML, CSS, Javascript**, and jQuery using a third party API. This front end application allows the user to search the Pokédex-style database to learn information about each Pokémon, and various berries found in the games.

Moodset // [GitHub](#)

Moodset was built with **Javascript, NodeJS**, Mongoose, ExpressJS, and .EJS in an **MVC** format. This full stack application allows users to create, display, update, and delete playlists in which they can upload their own mp3 files.

Infinite Savannah // [GitHub](#)

Infinite Savannah was built with a **MERN stack** (MongoDB, ExpressJS, React, NodeJS). This full stack application allows the user to explore a retro-futuristic skateshop, and create, view, edit, and delete items via a user-friendly interface. Infinite Savannah was pair programmed as a team using **Agile** methodologies, and **Trello** to manage progress.

Rezu // [GitHub](#)

Rezu was built with a **PERN stack** (PostgreSQL, ExpressJS, React, NodeJS). This full stack application is a responsive and easy-to-use product review website that I built as a passion project to practice using complex React techniques and tools, and to learn about implementing a PostgreSQL database in React.

EXPERIENCE

Software Engineer // Hack for LA // 2022 -

- Work with the HFLA website team using Git branches to work on front-end & back-end issues locally, create & merge pull requests, and attend weekly meetings to discuss current and potential future issues on the HFLA website.

Sales Advisor // PMG - Porsche // 2018 - 2020

- Developed long lasting relationships with clients through strong communication.
- Worked as a team with all departments to ensure a smooth all around process.
- Executed professional sales streams that lead to efficiency and organization.
- Created a pleasant sales atmosphere and experience for all of my clients.

Supervisor, Route Setter, Instructor // Rock Spot Climbing // 2012 - 2018

- Oversaw all gym operations and delegated tasks to employees.
- Prepared team practice itineraries for our B-level climbing team.
- Designed intuitive, and fun climbing routes of all levels, and implemented them onto the climbing surface using proper tools and safety.

EDUCATION

Software Engineering Immersive Certificate // General Assembly // Remote

B.A. - Graphic Design // Curry College // Boston, Massachusetts