

Sean Hetzel

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Full stack web developer with a passion for making a positive impact through creativity. My entrepreneurial background in product development and hardware combined with experience in Ruby on Rails, JavaScript and React gives me the creative and problem solving skills I need to develop innovative software for results driven companies.

TECHNICAL PROJECTS

Sunset Investing - [Frontend](#) | [Backend](#)

Real estate investing platform where investors can buy/sell fractions of rental properties akin to buying stocks of companies.

- Created React frontend with shopping cart that dynamically calculates total monthly rental income for investors.
- Integrated Bootstrap admin template to rapidly develop the user interface.
- Developed RESTful Rails API backend with endpoints for investors, properties and holdings.
- Utilized JSON Web Tokens (JWT) to restrict access to sensitive investor information until logged in.

Star Runner - [Visit](#) | [Frontend](#) | [Backend](#)

80s inspired space shooter game.

- Utilized Phaser game engine to handle game physics, logic, movement, rendering and animations.
- Employed Ion Phaser wrapper that enables compatibility for React.
- Developed RESTful Rails API backend with endpoints for players and high scores.
- Designed all game assets with Adobe Illustrator to create a unique game world.

Adventure Archive - [Visit](#) | [Frontend](#) | [Backend](#)

Instagram/Reddit type platform where users can share archeological sites and amazing places.

- Developed RESTful Rails API backend with endpoint for users, comments and full CRUD for the sites resource.
- Implemented filters that enables an Instagram inspired comment system for archeological sites.
- Built user interface from scratch using vanilla JavaScript and custom CSS to create a unique visual experience.
- Configured Fetch to dynamically render an archeological site after it is created, edited or deleted.

TECHNICAL SKILLS

Ruby, Rails, SQL, JavaScript, React, Adobe Creative Cloud

EMPLOYMENT HISTORY

Entrepreneur, Client: University of Arizona Bookstore, Tucson, Arizona

August 2018 - April 2019

- Collaborated with business leaders to deliver a [final product](#) to store shelves.
- Designed entire product such as its packaging, printed circuit board, laser cut panels, electronics and assembly instructions.
- Negotiated with foreign and local suppliers and manufacturers to minimize production time and cost.
- Manufactured 200 units with a profit margin of 55% each.

Entrepreneur, Roxen, LLC, Tucson, Arizona

April 2017 - April 2019

- Sourced and launched 7 products on Amazon and was awarded the Amazon's choice badge for two of them.
- Achieved over \$30,000 in sales revenue by averaging 10 units per day and surpassed a goal of selling 50 units in one day.
- Managed all aspects of the business including listing and packaging design, financials and customer service.
- Communicated with suppliers to create products that fulfilled market demand based on quantitative and qualitative analysis.

EDUCATION

Flatiron School - Seattle, Washington - 2019

- Full Stack Web Development, Ruby on Rails and JavaScript in person program

University of Arizona - Tucson, Arizona - 2015 - 2019

- Coursework completed towards a Bachelor of Arts degree in Economics