PETE AYRES
FULL-STACK SOFTWARE ENGINEER

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Full-Stack Software Engineer with a background in music performance and education. Experience with React, Gatsby, JavaScript, Ruby, Rails, HTML and CSS.

TECHNICAL PROJECTS

SOUND SWAP demo | github - React-Redux (front-end) + Rails (back-end) | July 2019
Site for musicians to rent and lease instruments; users rate/review experience after exchange.
- Developed a full-stack application through the complete creative process: from brainstorming, ideating, pitching and wireframing to prototyping and achieving stretch goals
- Created JSON Web Tokens and localStorage to store encrypted user information client-side
- Integrated self-referential user model for rating and reviewing functionality
- Learned and implemented Redux and localization
- Designed layout with CSS and Semantic-UI for styling
- Created and structured Sound Swap API

RED PLANET PROPERTIES demo | github - React (front-end) + Rails (back-end) | June 2019
Real estate platform to buy and sell rental properties on Mars.
- Built full-stack application with React logic and Rails back-end for favorites filter, search bar feature, create, sell, update and delete posting
- Implemented HTML and CSS frameworks for interface design
- Created and structured Mars Real Estate API

GEARLISTER github - JavaScript (front-end) Rails (back-end) | May 2019
Craigslist-style site for musicians to post and sell instruments.
- Created JavaScript frontend with Rails backend for create, sell, update and delete listing functionality
- Applied Semantic, HTML and CSS for design

SKILLS

Technical: Ruby, Rails, JavaScript, React, Redux, HTML, CSS, Semantic UI, Gatsby, PostgreSQL, mySQL, Sass, Git, Sinatra
Methodologies: MVC Pattern, RESTful Services, Object-Oriented Design, Pair-Programming

PROFESSIONAL EXPERIENCE

THE BLOC | NEW YORK, NY   Nov 2019 - March 2020
Web Developer
- Collaborate with project managers and creative teams to design, structure, update and debug client websites
- Perform quality assurance testing to ensure optimal browser interpretation and functionality
- Selected as lead developer for building and implementing 2020 redesign of company website

INTERNATIONAL MUSICIANS LEAGUE | NEW YORK, NY   Feb 2014 - Oct 2018
Band Leader, Lead Vocalist
- Led and organized 8-11 piece band for 30+ events in NYC tri-state area
- Performed as lead vocalist to audiences up to 200+ people
- Arranged all music to best accommodate client needs and special requests

EDUCATION

Flatiron School, Software Engineering Immersive Program - New York, NY   April - July 2019
Webster University, Bachelor of Arts, Jazz Vocal Performance - St. Louis, MO   Aug 2006 - May 2011