Iona Brabender

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JOB TITLE

Highly-motivated and diligent software engineer with experience in Ruby on Rails and JavaScript-based programming. I thrive in a dynamic environment, and am looking to join a progressive and energetic team who will foster my desire to learn and grow. My international experience shows that I am highly adaptable, while my varied background allows me to bring a unique perspective to all of my coding projects.

TECHNICAL SKILLS

Ruby, Active Record, Ruby on Rails, SQL, JavaScript, React, Redux, HTML, CSS, Phaser 3

TECHNICAL PROJECTS

Always Balanced - always-balanced
Provides users with a personalized schedule designed to improve their work-life balance while working from home.
- Utilized JSON Web Tokens and localStorage to store encrypted user information client-side.
- Combined React and Redux to allow fast rendering and an effective user interface.
- Constructed an MVC Rails backend using Postgres, and custom-built methods and validations.
- Implemented custom CSS to create a tailor-made original design which elevated the user interface.
- Incorporated BCrypt authentication to ensure a secure environment for users.

Fruit Quest - fruit-quest | Fruit Quest Demo
A platform game which allows users to collect items against the clock while competing against other players.
- Used the Phaser 3 game engine and Tiled Map Editor to create original gameplay, animation, and levels.
- Employed React to allow faster rendering and improved user experience.
- Added custom CSS to create an appealing design.
- Constructed an MVC-pattern Rails backend to allow full CRUD capability for user and score models.

gandr - gandr
Allows users to browse a range of artworks from the Metropolitan Museum of Art, and to add comments and likes to their favorite pieces.
- Worked with and manipulated data from the Metropolitan Museum of Art API to allow users access to their vast inventory.
- Created a JavaScript frontend, which allowed effective DOM manipulation and easy-to-use functionality for users.
- Utilized MVC pattern in Rails to create full CRUD capability for multiple models, with endpoints for users, likes, and posts.

EXPERIENCE

Market Hall Caterers   Oakland, CA
Catering Specialist   06/2019 - 05/2020
- Created faster order processing by automating reporting, therefore maximizing order management capabilities.
- Was key in managing a significant and high-pressure transformation in operations, thereby allowing continuation of business during the lockdown period.
- Coordinated events and orders in a detail-oriented way which led to a significant decrease in order errors.
- Worked effectively and efficiently, and quickly achieved the highest sales performance in the department.

San Francisco Box Office   San Francisco, CA
Administrative and Accounting Assistant   01/2018 - 06/2019
- Managed a multi-million-dollar ticket inventory, including buying, pricing, and selling, thereby maximizing profit.
- Handled accounting tasks, including creation of purchase orders and invoices, payment management, bank reconciliations, and payroll, in a detail-oriented and organized way, thus enabling effective functioning of the business.
- Lead the transition from PDF tickets to QR-based mobile tickets, and so facilitated a more efficient buying and selling process.

EDUCATION

Flatiron School   San Francisco, CA
Full Stack Web Development, Ruby on Rails, JavaScript, React, and Redux   06/2020 - 09/2020

University of St Andrews   St Andrews, United Kingdom
MLitt Museum and Gallery Studies   09/2013

University of Glasgow   Glasgow, United Kingdom
MA History and Politics   06/2012