Marwa Elnashar

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SKILLS **React, Redux, Rails, JavaScript, PostgreSQL, Mongoose, MongoDB, Express, Node, Ruby, jQuery, HTML5, CSS3, SQL, SQLServer, ASP.NET, C#, Oracle, AWS, Git, Heroku**

PROJECTS

Letsy (Ruby on Rails, JavaScript, React, Redux, CSS3, HTML5, Webpack, PostgreSQL)   Live Site | Github
Letsy is a pixel-perfect clone of Etsy, an online community that allows users to sell and to buy handmade and vintage products.
- Ensured user privacy and autonomy through frontend and backend authentication measures, BCrypt password encryption, and React Router, allowing users to only post and purchase products when logged in.
- Integrated React Rating into the Redux global store to accurately and clearly reflect overall user opinion of Letsy products and tied this data to multiple tables via polymorphic associations.
- Designed Postgres database schema to maintain the exclusivity of cart and cart-items in order to simplify the conversion of data during user transactions.

Zoe (Node.js, Express.js, Mongodb, JavaScript, HTML5, CSS3, Webpack)   Live Site | Github
A personal assistant web application designed to provide meals based on the current weight, target weight, target calories, dietary preferences (Vegan, Halal, Kosher,...) and allergies the customer might have.
- Utilized Spoonacular API to fetch over 350,000 recipes and render only recipes based on user profile, including targeted daily calories and dietary restrictions whether the user is vegetarian, prefers HALAL , Kosher or is allergic to some ingredients.
- Incorporated custom client-side form validations to avoid unnecessary AJAX requests which improves performance.
- Employed Express routing to create backend routes for handling create/read/upload/delete (CRUD) operations for storing users portfolios and weekly dietary plans to ensure fast access and fast load of data in the website.

Crazy Crowded (JavaScript, HTML5, CSS3, Webpack)   Live Site | Github
CrazyCrowded is a javascript game where the user is driving a car in a crowded city. Users can control the car speed and direction while trying to avoid collision with other cars.
- Stratified a flexible and visually-appealing layout using CSS3 flexbox coupled with canvas.js elements for rendering the game features, including the visualization of various cars on the road, game board, game status and main car speed.
- Implemented collision detection for cars on road, simulating 2D car motion to reflect different cars' speeds, taking into account that the user can speed up and slow down the main car speed as well moving it to the right or to the left.
- Applied Webpack and Babel to make user experience seamless across all web browsers

EXPERIENCE

Product Manager . Vision Soft **..** 2010 - 2016
- Designed and implemented a web app generator that generates fully customized, error-free web apps in 3 days instead of 2 months, cut cost by 90%, cut lead time by 95%, and increased customers' satisfaction by 80%.
- Initiated and managed a content managed system that increased customers' satisfaction by 60%.
- Managed ongoing development of the COSCO shipping line system in Egypt that increased operations efficiency by 75% and reduced the number of employees by 20%.

Project Manager . Vision Soft **.** 2007 - 2010
- Oversaw development of 50+ websites and web apps for clients like United Dry Port.
- Spearheaded 80+ client pitches, including one that resulted in a $120K contract.
- Collaborated with a variety of organizational stakeholders to ensure fast deliverables that meet customers' expectations.
- Ensured agile best practices for the app and for the generated web apps.

EDUCATION

App Academy	**New York, New York**
1000+ hour immersive full-stack web development program	2020
MBA, Operation Management	**Cairo, Egypt**
American University in Cairo	2014
Bachelors of Engineering, Software Engineering	**Port Said, Egypt**
Suez Canal University	1997