Zehour (Zuzu) Chaoui
Software Engineer

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SUMMARY:

Detail-oriented software engineer with a background in Math and Physics, strong analytical mindset, and project management acumen looking to contribute to a dynamic. Ability to manage numerous responsibilities like debugging, working across the stack, creating clean and reusable code and solving complex problems. Open to work globally, fluent in Arabic, French, Berber(Kabyle) and English.

SKILLS:

React, Redux, Ruby, Ruby on Rails, JavaScript, jQuery, SQL/Postgres, Node.js, NoSQL/MongoDB, Express.js, Git, HTML, CSS/SCSS, Object-Oriented Programming (OOP), Test-Driven Development (TDD), Matlab, Step7

PROJECTS

BelChocolate (*AWS S3, Ruby on Rails, React, Redux, JavaScript, JQuery, Node.js, HTML5, SCSS/CSS3, Webpack)*
A full-stack, single-page Topogato clone for ordering chocolate online   live | github
- Crafted fully functioning create, read, update, and delete (CRUD) capabilities for users, listing reviews, and shopping carts in order to mirror the functionality of Topogato.
- Implemented CSS3 flexbox property to make an interactive and responsive user-experience (UX).
- Leveraged complex array manipulation to create an easy, adaptive cart feature allowing users to add, edit, or remove items from their order while responsively updating their order total.

Grow Teacher (*Ruby on Rails, JavaScript, D3.js, JQuery, HTML5, SCSS/CSS3)*   live | github
A MERN stack application enabling teachers and parents to reach out for community supplies and support
- Led the back-end implementation of Express routes, Mongoose ODM, AWS S3, user auths and data validations serving as the foundation for application functionality and data storage.
- Created front-end user profiles using React, including Axios back-end requests and global store management.
- Conducted peer code reviews, debugged major issues, and utilized Github pull requests to minimize merge conflicts and ensure the reliable integration of new features while collaborating with two other engineers.

Whole World GDP (*Ruby on Rails, JavaScript, D3.js, JQuery, HTML5, SCSS/CSS3, Webpack*)   live | github
Web application with visualizations of GDP generated by year for the whole world
- Created geographical map, GDP chart, and stacked bar chart with D3.js library to visualize large GDP datasets
- Developed algorithms to parse and analyze data into hierarchy structure objects suitable for different charts
- Manipulated DOM elements to dynamically visualize different datasets based on user input, creating a responsive, interactive map for displaying relevant data.

EXPERIENCE:

Fulfillment Associate, Nordstrom   Oct 2019 - Jan 2021
- Processed 100+ customer orders during holiday rush, preparing and packing items for shipment with a strong attention to detail to minimize packaging errors.
- Handled 70+ customers per day (online and on the floor) with a focus on customer service and satisfaction in order to keep operations smoothly running among 20+ member team during high volume holidays.

Cashier Customer Service, Whole Foods Market   Aug 2016 - May 2018
- Managed inventory and organization of merchandise displays, ensuring work areas are sanitary and areas are aesthetically pleasing for the customers.
- Capitalized on social skills to ensure a positive interaction with each customer thereby improving satisfaction.

EDUCATION:

App Academy - San Francisco, CA   Fall 2022
- Immersive software development course with focus on full stack web development

Mouloud Mammeri University - Tizi Ouzou, Algeria   2012 - 2014
- Master Degree of Electrical Engineering: System Controls
- Bachelor of Science Degree in Electrical Engineering: Automatics