Ralph Isidore

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SKILLS

Programming Languages: Javascript, HTML, CSS, SASS, Typescript, Yaml, Python, Java

Platforms and Technologies: React, Redux, NodeJs, MongoDB, React Native, Nextjs, Git, Webpack, Jest, RESTful APIs, JSON, Npm, TDD, Babel, NoSQL, Expressjs, Splash, Scrapy, Pandas, Selenium, Matplotlib, Numpy, Nginx

SUMMARY

Resourceful Full Stack Software Engineer with over 3+ years of experience.
Passionate about building innovative applications from the ground up using React, REST API, and building intuitive mobile UX using React Native. Strong leadership background with years of experience teaching javascript, HTML, and CSS, with a strong passion for data science.

PROJECTS

3D-Portfolio
September 2023 – February 2024
· Engineered an immersive virtual world with the power of react-three-fiber, showcasing mastery in advanced 3D web development.
· Championed seamless user interaction by implementing Jotai for state management, elevating the project's sophistication.
· Applied expert file compression techniques, dramatically enhancing load times and overall website performance.
· Executed streamlined domain setup with Nginx, fortified by SSL certificates for an ironclad, secure user connection.

Rid
November 2021 – January 2022
· Leverage core components and APIs to access native device features such as the camera and other input.
· Utilize Yup to Implement data validation to ensure consistent, clean data.
· Communicate with REST APIs to upload images and display progress bars to ensure a pleasant experience.
· Use the essential tools for React Native development and apply React Native best practices.

Manipulating Movie Scores (2021)
October 2021 – November 2021
· Utilize Python to leverage Pandas, matplotlib, and seaborn to read data from more than 3 data sources to reveal rating score patterns and reveal Fandango's manipulation of the scores users view.
· Clean, manipulate and organize data to assist in data analysis to help increase accuracy.
· Implemented visual representations of over 3 data sets using Matplotlib and seaborn to confirm the company's rating on each page mislead its users.

Tickets
March 2020 – June 2020
· Implement RESTful APIs with over 20 endpoints that return client data in JSON format for clients to access
programmatically. · Build 9+ microservices using Docker and Kubernetes to improve system scalability and reliability.
· Introduce MongoDB and Redis to store and cache user data in order to keep track of users and increase load times. · Integrate Nats as a message broker to send and receive messages between 9+ services such as Payments, orders, authentication, and reserving a ticket.
· Improve testing by automating with Jest to cut testing time, improve productivity, and focus more on building the services.

EXPERIENCE

Frontend Developer
Jobget October 2019 – February 2020, Boston, MA · Enhance the user experience by working with 3 team members to design and improve the look and feel of the platform by collaborating with a remote team using React and Redux.
· Redesign and develop a responsive website enabling 1000+ monthly users ease of use on mobile phones and tablets. · Implement enhancements that improve web functionality and responsiveness to assist in user engagement.

QA Analyst
Northern Lights LLC June 2015 – June 2017, Boston, MA· Participate in all aspects of product testing including test plan development and execution of the test cases and conduct test results throughout SDLC to ensure 5+ well-functioning applications.
· Analyze issues and write detailed bug reports for 7+ developers in order to reduce the number of bugs in upcoming product releases. · Develop test scenarios with test data to support test objectives.

INVOLVEMENT

Tutor
Cambridge Public Library · January 2017 – Present
· Teach HTML, CSS, and Javascript to 3+ students to increase productivity.

- Determine what adults and children need to achieve their goals by listening and breaking down their problems into small understandable and achievable parts.
- Teach English, Math, and Microsoft products such as Excel and Word to 30+ adults.
- Adapt quickly in a fast environment to provide a better learning experience for all 30+ students.

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