RANDALL ROUSE

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SKILLS & TECHNOLOGIES

- HTML5
- CSS3
- JavaScript ES6
- React.js
- React Native
- Vue.js
- Node.js
- Express
- Git
- GitHub
- TDD
- Jira
- Docker
- PostgreSQL
- MongoDB

EDUCATION

- D.O.L CERTIFICATE | SOFTWARE ENGINEERING APPRENTICESHIP | IBM | 2022
- SOFTWARE ENGINEERING IMMERSIVE | GENERAL ASSEMBLY | 2022
- BA BIOLOGY | METROPOLITAN STATE UNIVERSITY OF DENVER | 2019

WORK HISTORY

IBM COGNOS ANALYTICS MOBILE
FRONTEND SOFTWARE ENGINEER | 02/2022 TO CURRENT | LOWELL, MA

- Developed new features and functionalities for the application, following agile practices and sprint planning.
- Wrote reusable and efficient code components using React Native and MobX best practices.
- Developed React extensions and successfully established communication with them via WebView from a React Native application.
- utilized Git for version control, including managing repositories, handling branches, resolving conflicts, and facilitating collaborative software development.
- Utilized async/await syntax to write clean and readable code for handling asynchronous operations in RESTful API endpoints
- Optimized the app's performance, considering factors such as rendering speed, responsiveness, and memory management.
- Collaborated closely with the UI/UX developer to ensure the implementation of UI designs aligned with the overall user experience goals.
- Fixed bugs and issues reported by the QA team, ensuring the stability and functionality of the application.
- Implemented test-driven development practices to produce clean and maintainable code.
- Conducted code reviews to ensure code quality, adherence to coding standards, and best practices.
- Actively participated in daily stand-ups, backlog grooming sessions, and sprint retrospectives to provide progress updates and contribute to the team's continuous improvement.
- Maintained effective communication with the team, seeking clarifications when needed and providing feedback on project tasks and timelines.
- Collaborated with other team members, such as product managers and project managers, to understand project requirements and deliver high-quality applications within the given timeline.

SOFTWARE ENGINEERING APPRENTICE 01/2022 TO 08/2022

- Engaged in pair programming: Actively participated in coding tasks with the senior developer, receiving real-time guidance.

- Participated in code reviews: Received constructive feedback on code quality and best practices from the senior developer.
- Took part in knowledge sharing: Attended sessions where the senior developer shared expertise on specific technologies and techniques.
- Utilized documentation and resources: Received recommendations and curated resources to deepen knowledge.
- Received feedback and mentorship: Engaged in regular sessions discussing progress, strengths, areas for improvement, and future goals.
- Upon completion of all prescribed coursework, I showcased exceptional competencies and efficiencies that surpassed the standards set by the Department of Labor apprenticeship program.

UNITED STATES FISH AND WILDLIFE SERVICE
WILDLAND FIREFIGHTER | 03/2021 TO 11/2021 | DENVER, CO

- Developed problem-solving skills in identifying and resolving issues.
- Exhibited leadership and teamwork abilities in coordinating firefighting efforts.
- Demonstrated proactive and resourceful approach to problem-solving.

OCCIDENTAL
BARTENDER | 10/2019 TO 05/2021 | DENVER, CO

- Cultivated exceptional attention to detail and poise in a fast-paced environment.
- Acquired strong organizational and multitasking abilities.
- Exhibited excellent communication and customer service skills.

PROJECTS

CAL-PAL - PERN

- Developed a React app for tracking food data and calculating meal calories.
- Created a styled GUI allowing users to enter food data into a PostgreSQL database.
- Implemented functionality to add ingredients to a list and calculate meal calories.
- Managed global states using redux.
- Streamlined meal planning and ingredient tracking, resulting in improved user experience.
- Technologies used: React, Redux, Express, PostgreSQL, Node.js.

CREATURE COLLAB - PERN

- Led the development of a responsive, interactive web application from conception to deployment.
- Implemented full CRUD functionality and user authentication using PostgreSQL, Express, Node.js, and React.
- Successfully managed complex database associations to ensure seamless data flow.
- Deployed the application on Heroku, ensuring accessibility to users.
- Technologies used: PostgreSQL, Express, React, Node.js, Heroku.

LINKS

- **GITHUB**: HTTPS://GITHUB.COM/R-ROUSE/PRTFLIO
- **LI**: LINKEDIN.COM/IN/RANDALL-ROUSE