Jacob Strayer

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SKILLS

Technical
- Proficiency in Python, JavaScript, React, and Vue.
- Experience with using and applying AWS, MongoDB, Express, Node, Git, Jira, Twilio
- Microsoft Technology Associate for JavaScript, HTML, and CSS
- CIW Associate for Network Technology, Site Development, and Internet Business

EXPERIENCE

RedChip Companies, Orlando, FL
Software Developer, February 2024- Current
- Designed and implemented a scalable AWS infrastructure.
- Used Python with Flask to implement RESTful routes for AI chatbot functionality.
- Maintained documentation for the AWS infrastructure as well as the code repositories used.
- Enacted company-wide Salesforce automation changes that increased productivity by 31%.
- Developed Salesforce reporting to demonstrate changes in productivity.

Promo Applications LLC, Winter Haven, FL
Junior Developer, June 2022 – December 2023
- Developed functional pages and components in React.
- Implemented RESTful endpoints for mobile and website functionality using NodeJS and ExpressJS.
- Collaborated with the Senior Developers to refactor the backend codebase, dropping the average response time by 300ms.
- Performed quality assurance on the application, finding and debugging any errors that appeared.
- Collaborated on the integration of third party APIs to expand application functionality.

PROJECTS

Custom SMS Gateway, July 2023 – August 2023
Promo Applications LLC, Winter Haven, FL
- Developed a custom SMS gateway utilizing Twilio, MessageMedia, and an Email-to-SMS microservice to ensure compliance and maximize message delivery.
- Led a team of 2 developers in planning, developing, and ensuring product success.
- Managed an event serving over 100 users per hour for message sending and winner selection

Pantry and Recipe Keeper, Fall 2021
Florida Polytechnic University, Lakeland, FL
- With a partner, created an application through Android Studio meant to allow the user to keep track of items they have in their pantry and food items they need for recipes they want to use.

Spotify Music Tweeter, Fall 2021
Personal Project, Lakeland, FL
- Utilized the Spotify API to track a user's listening activity and retrieve the currently playing song.
- Integrated the Twitter API to compose and send tweets containing the song information in real-time.
- Wrote a python script to automate the process, providing a seamless and instant sharing of music preferences on Twitter.

EDUCATION

Florida Polytechnic University, Lakeland, FL
Bachelor of Science in Computer Science