STANTON BARBADILLO

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EDUCATION

Western Governors University - Bachelor of Science, Computer Science   2024

TECHNICAL SKILLS

Front End | React, Javascript, TypeScript, Angular, Bootstrap
Back End | Java, C++, Springboot, PostgreSQL, MongoDB, MySQL
Developer Tools | Docker, Git, npm, Agile Methodology

EXPERIENCE

Software Engineer | Aladdin Termite and Pest Control   **Jan 2022 - Present**

Developing user-centric features and interfaces to enhance customer experience.   MongoDB | Express.js | React.js | Node.js

- Develop key features for the company's website, focusing on enhancing user experience and efficiency in service inquiries.
- Implement a system for customers to obtain personalized pest treatment quotes, improving client interaction and service customization.
- Create an easy to use scheduling interface, allowing for easy appointment booking for pest control services.
- Coordinate with the pest control team to ensure feature development was in line with business objectives and branding strategies.

PROJECTS

Journey Planner: Integrated Travel Booking System

Vacation itinerary & booking web application.   Java | Springboot | Angular | MySQL

- Developed code logic for user authentication, booking processing, and data retrieval, ensuring secure and efficient application functionality.
- Designed a responsive user interface, with custom components and pages to enhance the user experience.
- Implemented real-time flight and hotel booking systems, integrating external APIs for up-to-date availability and pricing information.
- Conducted thorough testing, including unit tests, integration tests, and end-to-end tests, to guarantee application reliability.
- Managed codebase using Git and maintained detailed documentation to track project changes and facilitate future updates.

Hotel Reservation Interface Application

Hotel scheduling & management web application.   Java | Springboot | Angular | Docker

- Built a web-based hotel booking application with a containerized deployment using Docker.
- Employed Angular for the frontend and a Spring-powered backend for enhanced functionality.
- Implemented automatic language and time zone conversion to align with the customer's preferences, ensuring a seamless and personalized user experience.

E-commerce Inventory Web Application

Inventory management web application.   Java | Springboot | PostgreSQL

- Developed solutions that enhance the ease of user interactions, streamlined data handling, and optimize inventory control.
- Created an engaging and easy-to-use interface, with uniquely designed pages that offer smooth navigation throughout the app.
- Developed a flexible inventory module, incorporated interactive e-commerce features, and utilized data structures for effective inventory tracking.
- Focused on code dependability by conducting thorough unit testing, establishing validation procedures, and performing regular code reviews to ensure sustainability and operational efficiency.