

Jovani Casarrubias

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KwickPOS Spring, TX

Ma 2020-June 2022

Developed multiple food ordering Apps for IOS and Android using react native.

Designed and developed a new product that integrated with the POS system called KwickTable, a food and reservation website for restaurants.

Performed QA testing for Kwickmenu, an online food ordering website, to find vulnerabilities and improve the user interface which increased online sales by 22%.

KwickPOS Spring, TX

Ma 2020-Aug 2020

Designed, troubleshoot, and resolved issues related to computer hardware, software, and related

equipment installation and configuration as well as managing and importing data using Mysql database.

- Standardized procedures to train customers and coworkers on using KwickPOS system and deployment.
- Provided level 1 and 2 support to customers in 40+ states while creating support documentation for new features.

React Native Developer Co-op ARCOS Medical Inc Missouri Cit , TX

Jan 2020-Ma 2020

- Created a mobile application with a 6 member team to enable Anesthesia providers to quickly document patient data electronically, eliminating costly equipment and providing 40% efficiency.
- Implemented software development methodology, Test-driven development, using Jenkins and Jest for automated unit testing and continuous integration.

PROJECTS

Booking Application Web/Mobile (Next.js/GraphQL/ReactNative)

Jan 2022-Current

- Created an appointment system where businesses can better manage and organize their services.
- Implemented a dynamic subdomain where users can modify a customizable subdomain.
- Integrated Docker for deployment in AWS as well as a pipeline for continuous integration with Jenkins.
- Utilize GraphQL for the backend for fast and flexible development of API's.

Server and Client Program using Sockets C/C++

Spring 2020

- Utilized two Program inter-process communication mechanisms in UNIX using Multithreading sockets to send encoded messages. Each thread ran concurrently with the other threads, allowing the program to run faster and optimize resources.
- The server program encoded a message using a distributed version of the Elias-Gamma algorithm by performing fork and creating multiple processes.

SKILLS

- **Agile Development, Object oriented Programming**
- **Languages:** JavaScript, Python, C++, Php, Swift, Matlab, HTML, CSS
- **Frameworks:** React.js, Next.js, ReactNative, Express.js, Node.js, Jest, Enzyme, Selenium
- **Databases:** Mysql, Firebase, MongoDB
- **Software:** Linux, VI, Docker, Jenkins, AWS, VS Code, Apache2, Xcode, GIT, GitHub, SVN
- **Network Protocols:** SSH, TCP/IP, HTTP, HTTPS, DNS
- **Spoken languages:** English (fluent) and Spanish (fluent)

EDUCATION

University of Houston - Natural Science & Mathematics

Bachelor of Science in Computer Science

Graduated: Aug 09, 2020

Capstone: Senior Sequence in Software Development

ACTIVITIES

Martial Arts: Brazilian Jiu-Jitsu