

# Jovani Casarrubias

• [jcasarrubiasq1@gmail.com](mailto:jcasarrubiasq1@gmail.com) • 832-945-0756 • Houston, TX • [Linkedin](#) • [Personal website](#)

## EXPERIENCE

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### **Software Developer | KwickPOS | Spring, TX**

**May 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 waitlist and reservation website for restaurants.
- Automated QA testing for Kwickmenu, an online food ordering website, to find vulnerabilities and enhance user interface which increased online sales by 22%.

### **IT Specialist | KwickPOS | Spring, TX**

**May 2020-Aug 2020**

- Identified, 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 City, TX**

**Jan 2020-May 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

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### • **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

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- **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

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**University of Houston - Natural Science & Mathematics**

**Bachelor of Science in Computer Science**

**Graduated:** Aug 09, 2020

*Capstone: Senior Sequence in Software Development*

## ACTIVITIES

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**Martial Arts:** Brazilian Jiu-Jitsu