

# Guillermo Oswaldo Hasbun Jr.

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## TECHNICAL SKILLS

**Front-End** | JavaScript (ES5 and ES6), React, HTML5, CSS3

**Back-End** | Node.js, Express, PostgreSQL, MongoDB, MySQL, RESTful API

**Testing/Deployment** | Jest, Mocha, Chai, AWS: EC2, K6, Loader.io, Nginx, Test Driven Development (TDD)

**Developer Tools** | Vim, Git, npm, Typescript, Webpack, Babel, Agile Methodology, Scrum

## SOFTWARE APPLICATION DEVELOPMENT EXPERIENCE

**Full Stack Engineer**, Shelfshare | [ShelfShare](#) / [ShelfShare.org](#)

*Node.js | React.js | Bootstrap | Express.js | React.js | PostgreSQL | Jest | Figma*

04/2023 - Present

*Create ordering functionality for an open source book sharing app.*

- Created **PostgreSQL** schemas and filled tables with initial dummy data, allowing team members to test components with **Jest**
- Initiated Order/Borrow/Loaned functionality with scope refactoring to meet a 60% **Jest** app test coverage
- Increased user accessibility after function hoisting with **Google Lighthouse** from 50% to 85%

**Back-End Developer**, Atelier API Design | [SDC Promethium](#)

*Node.js | Express.js | PostgreSQL | Redis | Nginx | New Relic | Jest | K6 | Loader.io*

02/2023 - 04/2023

*Transformed legacy ecommerce API into modern microservices architecture*

- Enhanced **PostgreSQL** schemas to reduce DB query times from 30s. to 2-5ms.
- Established **Redis** caching to increase 1200 RPS to 3500 RPS with **K6** testing locally
- Deployed 4 **AWS EC2** servers and **Nginx** load balancer/caching to handle 1500 client requests per seconds on **Loader.io**
- Analyzed **New Relic** data to remove server bottlenecks and decreased latency on deployed servers by 250 ms

**Front-End Developer**, Atelier | [Project Atelier](#) | *React.js | Express.js | Jest | PM2*

01/2023 - 02/2023

*Create front end critical path functionality for a clothing app's Product Overview section*

- Created dynamic gallery scroll for clothing styles with a light/dark mode toggle
- Increased performance with **Google Lighthouse** and compression from 30% to 75% overall
- Raised **Jest** app coverage from 40% to 73% after eliminating cruft and implementing function hoisting
- Utilized **PM2** and **Page Speed Insights** to increase **AWS EC2** performance from 26% to 79%

## PROFESSIONAL EXPERIENCE

**Allegria Tutoring Center** | Tutor for 20+ students

2022 - 2023

- Tutored students in a 1-on-1 setting for all subjects, from Kindergarten to high school
- Prepared students for FL standardized testing requirements with personalized study plans

**Avanti Products** | Outbound Logistics Assistant

2015 - 2021

- Design loading plans for 100+ clients, instructing warehouse on the optimized configuration to load freight
- Analyze profit analysis by comparing shipping costs and billable dollars to verify if shipments are profitable
- Ensure customer shipping requirements are implemented by abiding by agreed routing instructions

## EDUCATION

**Hack Reactor** | Certificate in Advanced Software Engineering

2023

**Florida International University** | Associates of Arts

2012