

# Joshua Maciel

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## Web Developer

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**OBJECTIVE:** *Searching for a Web Developer position with a Company that prioritizes graphical design and compatibility among media while encouraging creative thinking and problem-solving.*

### Technical Skills:

#### Languages/Technologies:

Front End: React, Typescript, NextJS, Styled Components, Sass, Javascript, HTML, CSS

Back End: Spring Boot, Spring, Java, JDBC, Javalin, Django, Python, SQL (PostgreSQL, TSQL, MySQL)

DevOps: Docker, AWS, Jenkins

**Tools:** Neovim, VSCode, IntelliJ, Git/GitHub, DBeaver, Postman, Linux

### Experience:

#### Lead Dispatch Coordinator

04/2011 – 05/2022

##### *Americare Ambulance Service*

*Seffner, FL*

- Conducted reporting and analysis on emergency and non-emergency call data with Crystal Reporting, using Excel, and MySQL.
- Developed dispatching protocol and logistics during COVID pandemic to adjust for increased in call volume and simultaneous worker shortage.
- Managed team of people in handling emergent and non-emergent ambulance transports in a high-stress and fast-paced environment.
- Coordinated with local emergency operations centers during dangerous weather events, e.g. Hurricanes.
- Mediated issues between team members to achieve satisfactory outcomes.
- Developed understanding of transportation management platforms to drive content integration with client systems and platforms.
- Developed and implemented process enhancements to drive continuous program improvement.
- Monitored ambulance locations in field and solved discrepancies to keep team on-track.
- Coordinated schedules for optimal coverage of daily workload and adjusted quickly to changing demands.
- Partnered with vendor teams to solve real-time challenges and drive cohesive experience.
- Controlled costs with optimized route plan to maximize daily appointments and minimize time or field waste.
- Responded to high volume of phone and email requests to provide logistics information.
- Calculated and provided quotes for transportation with cost breakdowns.
- Conducted negotiations for out of state transports.
- Coordinated repairs to vehicles with Operations Supervisor to maintain fleet operations.
- Scheduled supply delivery and allocated resources to personnel based on need.
- Responded to over 100 daily caller requests with information about assistance and time-frames.
- Assisted department manager with payroll and scheduling duties.

## **First Responder**

10/2009 – 04/2011

### ***Americare Ambulance Service***

*Seffner, FL*

- Assisted EMT in providing medical care to patients.
- Drove ambulances in emergent and non-emergent situations to get to patients or hospitals quickly.
- Handled radio communications with dispatch and hospitals.
- Drove handicap accessible vans to transport patients to and from appointments.

## **Projects**

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### **Ecommerce Clothing Site**

*React, Typescript, Styled Components, Spring Boot, Java, PostgreSQL, Docker*

- Designed the front end using React Typescript and Styled Components.
- Implemented a Spring Boot project to communicate between the PostgreSQL database and front end.
- <https://github.com/JoshM-Yoru/ecommerce-project>

### **Geo-location Weather App**

*HTML, CSS, Javascript, GeoApify API, Google Auto-Complete API, WeatherAPI, TimezoneDB API*

- Built web page with HTML and vanilla CSS and vanilla JavaScript
- Used various APIs to get weather and location information in order to return current weather and weather forecast.
- <https://joshm-yoru.github.io/weather-app/>

### **H.O.P.E. - Hurricane Operations Platform for Emergencies**

*NodeJS, Jambonz, MongoDB*

- Team project that won 2<sup>nd</sup> place in TADHack Tampa 2022 Hackathon
- Used NodeJS and Jambonz to create a backend that routes caller to different prompts that collects a caller's voice or dial input and registers information in MongoDB database.
- <https://github.com/bytemaster-0xff/tadhack>

### **Employee Reimbursement System**

*Java, Javalin, JDBC, Maven, PostgreSQL, Docker, Postman*

- Implemented all aspects of Object-Oriented Programming to create an Employee Reimbursement system.
- Used the Data Access Object Design Pattern for structuring the application.
- Functionality includes:
  - Submitting tickets.
  - Users being able to view all submitted tickets.
  - Ability to see all pending tickets as a manager.
  - Approving or denying tickets as a manager.
  - Adding as a manger or as an employee or removal of employees by a manager.
- <https://github.com/JoshM-Yoru/ERS-Project>

## **Education**

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### **Associates of Arts in Mathematics**

01/2018 – 07/2021

*Hillsborough Community College*

*Tampa, FL*

- Member of Phi Theta Kappa Honor's Society