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## **Software Engineer: Front End Developer**

I'm a frontend software engineer with 4+ years of experience working on production web and mobile applications across the stack. I enjoy solving real problems, improving existing systems, and building features that make products easier to use and maintain. My work experiences have allowed me to work on the frontend & the backend of applications. The idea is to write reliable code that supports real users and business needs.

I've helped migrate legacy desktop applications to modern browser-based platforms, contributed to both frontend and backend development, and worked on systems integrated with NCIC databases under CJIS and NCIC security standards. I've also contributed to a mobile application used by law enforcement in the field, giving valuable experience building software for high-trust, real-world environments.

## **WORK EXPERIENCE**

### **Software Engineer | Watch Systems LLC | Covington, LA | 01/2022 - 01/2026**

*Migration of legacy desktop applications to browser based applications*

- NCIC Security clearance.
- CJIS Security clearance.
- Driving the production release of a browser-based application.
- API endpoint development and maintenance for OffenderWatch.
- Backend development working with NCIC application - ties in our legacy application with NCIC Database as well as OffenderWatch (web based app).
- Developmental work on (PWA) OffenderWatch Mobile app that allows law enforcement to leverage the application out in the field from their phones
- Internal daily email micro service created in python as a cron job to compare third party data against in-house data.
- Dockerization of email micro service.

### **Technologies used:**

- HTML, CSS, JavaScript, Python, PHP
- SQL Server (SSMS), .Net, Docker, Jenja2, BeautifulSoup, MailGun

**Junior Software Engineer | Pedra CRM LLC | Miami, FL | 01/2021 - 01/2022**

*Building CRM system for existing API*

- Currently working on an iOS app with SwiftUI and Apollo as my GraphQL client which provides the same functionality as the web application.
- Designing of 10+ Views performing queries with persisted user authorization via session tokens.
- Built payment feature on web application to process transactions and store users' payment information in a secure manner.
- Using GraphQL to query and mutate data with over 20 query/mutation endpoints resulting in 3 features moving into production.
- Learning about business logic for CRMs to give said features an intuitive feel, allowing users to create, modify or delete at many instances within their pipeline.

**Technologies used:**

- HTML, CSS, JavaScript, Next.js, SwiftUI, React, TypeScript
- GraphQL

**Marketing + Operations Consultant | TD LUX | Miami, FL | 11/2018 - 01/2021**

*Led marketing, inventory, and operations projects*

- Collaborated with the marketing team on 1-2 monthly campaigns to drive traffic towards our online platforms, resulting in 15% increase in online orders during COVID
- During Covid-19 peak: tasked with redesigning one of the locations. Created floor plans, renderings and designed new furniture. This resulted in 20% more square footage, which allowed us to provide guests with a safe dining experience.
- Created a process to track inventory and maintenance requirements across 6 restaurants allowing the business to efficiently repair or replace machines resulting in no down time.

**Architectural Assistant | Archimia | Miami, FL | 07/2017 - 07/2018**

*Created and modified architectural drawings*

- Authored 10 renders based on a residential project the firm was overseeing, resulting in the selection of materials/finishes which fit within the budget and satisfied clients aesthetic demands.
- Designing for over 800 hours in Revit. Contributed to 6 projects of which 4 I saw to completion.
- Sourced information from FBC & IBC to satisfy ADA, easement & egress, setback, FAR standards. Through proper implementation the business made fewer trips to the city for approval which improved delivery times.

## **EDUCATION + CERTIFICATION**

### **Full Stack Web Development Bootcamp 01/2019 - 01/2020**

Bottega University, Utah (Remote)

Technologies used: JavaScript, HTML, CSS, Node.js, Express.js, React, Redux, MongoDB

### **Certificate of completion 02/2021 - 03/2021**

UDEMY, Node with React: Full stack Web Development

### **Certificate of completion 04/2021 - 05/2021**

MERN stack front-back Web Development course

### **Architecture Associates in Art**

Miami Dade College, Miami, FL Completed 70 credits hours toward a degree in Architectural Arts.

08/2012 - 08/2014

Courses:

- *Adv. Design Theory*
- *Arch Structures*
- *Environmental Sys in Arch*

## **LANGUAGES**

English - Native or Bilingual Proficiency

Spanish - Native or Bilingual Proficiency

Italian - Limited Working Proficiency