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Full-Stack Software Engineer

   I'm a frontend software engineer with 5+ 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 and 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 me 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).
- Developmental work on OffenderWatch mobile responsive app (PHP) that allows law enforcement officers to use 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 microservice.

Technologies:
- HTML, CSS, JavaScript, Python, PHP
- SQL Server (SSMS), .NET, Docker, Jinja2, BeautifulSoup, MailGun

Junior Software Engineer | Pedra CRM LLC | Miami, FL | **01/2021 - 01/2022**
Building CRM system for existing API
- Worked 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 persistent user authentication 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 those features an intuitive feel, allowing users to create, modify or delete at many instances within their pipeline.

Technologies:
- 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 a 15% increase in online orders during COVID
- During the peak of COVID-19: 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 downtime.

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 of which I saw through 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

Frontend Masters 01/2026 - 02/2026

Professional JavaScript training focused on the complexities of the language.

Courses:
- *Callbacks & Higher Order Functions*
- *Closures*
- *Type coercion & meta-programming*
- *JS event loop*
- *Classes & Prototypes*

Frontend Masters 01/2026 - 02/2026

Professional React training focused on the latest version of the library.

Courses:
- *JSX in React*
- *React Hooks*
- *React Ecosystem*
- *React Advanced Techniques*
- *Testing*

Corporate SQL training 01/2023 - 01/2023

Lantec (Remote)

Professional SQL training focused on database management and query.
optimization.

Technologies used: SQL

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

Associate of Arts in Architecture

Miami Dade College, Miami, FL Completed 70 credit 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