

# Federico Jimenez

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## Professional Experience

### Bowen Pain Center

#### Software Developer

New York, NY  
January 2023 – Present

- Working on software for staff to manage patients, set up appointments, and handle billing
- Built website for the company to be able to contact patients and teach the public in both, Spanish and English, about the procedures offered by the doctor
- Designed the site to be responsive to desktop, laptop, tablet and cellphone devices
- Architected site to be highly available and reliable with AWS load balancers to distribute at the application layer
- Utilized Route53 to register a custom domain for the site and direct all traffic through a secure protocol

### Terrytown Fire Department

#### Operator / Firefighter

Terrytown, LA  
February 2016 – September 2021

- Performed general maintenance on the fire trucks
- Responded to structure fires by setting up the fire truck to pump water, then packed out in full gear to fight the fire and protect lives, the environment, and property
- Responded to medical calls, analyzed hazardous situations, and reacted with quick solutions
- Provided medical care to civilians impacted by fire by taking pulses, offering CPR, and treating any other life-threatening injuries
- Supported EMS with procedures, such as administering oxygen, loading patient into ambulance and transporting
- Taught and participated in training classes and drills

## Projects

### fitbyfede / Fitness application

- Integrated NextAuth to securely log uses in by email or through Google
- Organized user data with MongoDB, using Prisma to manage the database
- Deployed with AWS using EC2 for the application, Route53 for the custom domain
- Designed to work as a progressive web app on both desktop and mobile
- Handled user subscriptions with Stripe Js

## Education

### **Hack Reactor - Operation Spark**

Advanced Software Engineering Immersive Program

IBC Fundamentals of JavaScript, Functional Programming, and Web Development Level 3

### **University of New Orleans**

Business Administration

August 2013 - May 2015

### **Delgado**

Business Administration

August 2008 - May 2011

## Certifications

### **Amazon Web Services | Developer**

Validation ID C4WSV542XNQ4Q7CC

### **Amazon Web Services | Solutions Architect**

Validation ID 89KR76TCWJ141P39

### **Amazon Web Services | Cloud Practitioner**

Validation ID 2FN0BQY1Z1B4QEW6

### **Jefferson Parish Fire Academy**

Validation ID 2248694

### **Delgado | Emergency Medical Technician**

Validation ID 1507-1450-06

## Activities

Currently working on adding new features for my startup fitbyfede. Also learning new features in vim to help my productivity.