

# Federico Jimenez

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## Certifications

**Amazon Web Services | Developer**

Validation ID C4WSV542XNQ4Q7CC

**Amazon Web Services | Solutions Architect**

Validation ID 89KR76TCWJ141P39

**Amazon Web Services | Cloud Practitioner**

Validation ID 2FN0BQY1Z1B4QE6

**Jefferson Parish Fire Academy**

Validation ID 2248694

**Delgado | Emergency Medical Technician**

Validation ID 1507-1450-06

## Professional Experience

### [Bowen Pain Center](#)

#### Software Developer

New York, NY

January 2023 – Present

- 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**

Terrytown, LA

#### Operator / Firefighter

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 users in by email or through Google
- Organized user data with Postgresql, using Prisma to manage the database.
- Deployed with AWS using EC2 for the application, RDS for the database, Route53 for the custom domain
- Designed with Tailwind to create a grid system layout

### [nuFright](#) / A one-stop shop for all horror related content

- Deployed the app resiliently through AWS by using ELB with auto scaling to maintain instances running at all times
- Displayed haunted houses near the user's location using MapBox and allowed the user to transition to locations
- Designed the app with Bootstrap to align content when using the app on different size devices and keep the design pattern consistent throughout the app
- Integrated TypeScript and Webpack, which compiled all the files into one and forced potential errors to be resolved early in the project

## 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**

August 2013 - May 2015

Business Administration

### **Delgado**

August 2008 - May 2011

Business Administration

## Activities

Currently working on AWS SysOps Administrator Associate Certification. And learning different security vulnerabilities through hackerone bug bounty.