# 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 2FN0BQY1Z1B4QEW6

**Jefferson Parish Fire Academy**                                               Validation ID 2248694

**Delgado | Emergency Medical Technician**                                      Validation ID 1507-1450-06

## Professional Experience

**Bowen Pain Center**                                                           New York, NY
Software Developer                                                              December *2020* – Present

- Built website for the company to be able to get in contact with patients and teach the public 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

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, Cloudfront to deliver the app to users quickly, and IGW with NACL and security groups to keep the app safe
- Displayed haunted houses near the user's location using MapBox and allowed the user to transition from location to location
- 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

The Potluck Planner / Management app to organize picnic events

- Dynamically displayed the front-end with React and styled the webpage with the Bootstrap grid style framework
- Organized user data with MongoDB, using Mongoose to query information into non-relational database collections
- Leveraged Webpack Dev Server to instantly update content and prevent data loss when refreshing the page

Holistic You / Health app to positively encourage users

- Designed components quickly, due to a tight timeframe, by using React's Material UI library
- Implemented GRUB operations on the frontend using Axios to handle requests
- Organized and managed all the routes and requests in the backend with Express Router

## Education

**Hack Reactor - Operation Spark**
Advanced Software Engineering Immersive Program
IBC Fundamentals of JavaScript, Functional Programming, and Web Development Level 3

## Activities

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