



Work Experience

Lacasacontinua Corp Jan 2022 - Now

Miami, USA

Junior IT Ops

- **Directed** the development of the company website using WordPress and achieved increased user engagement and conversions.
- Assisted with the migration of company website from a legacy cPanel to **AWS** for increased resiliency and **scalability**, as well as latency for worldwide customers.
- **Monitored** system performance and availability, identifying and addressing potential issues before they became critical.
- Set up all back-end office infrastructure with the likes of Microsoft Dynamics, Access Database.

Relevant Projects

AWS Static Website Pipeline (CDK):

[View on GitHub](#)

- Leveraged **AWS CDK** (IaC) to create an automated pipeline to deploy static websites to an **S3** Bucket for decreased costs using **TypeScript**.
- Includes **CloudFront** distribution, **Route53** Hosted Zone for routing and a DNS Validated Certificate (ACM).

Slot Machine Simulator (Group Project):

[View on GitHub](#)

- Full-stack app using **React**, **MongoDB**, and Express to build a slot machine game.
- Developed RESTful routes with **Express** handling HTTP requests and responses that interact with the MongoDB non-relational database, and serves the client-side.
- Used Git and GitHub to manage changes, merge code and resolve conflicts.
- Worked with the team to define a branching strategy and ensure code quality through tests and continuous integration.
- Set up **CircleCI** CI/CD pipeline for continuous deployment into **dockerised** AWS EC2s

Allerg.ly:

[View on GitHub](#)

- **Python** based food collector and sorter for people with food allergies
- Utilized **PostgreSQL** databases to store and access data. Used Flask & RESTful routes for the frontend.
- The app follows CRUD & MVC principles.

Techincal Skills

- Front-End: React, HTML, CSS
- Back-End: Javascript, Python, Spring
- Databases: MondgoDB, MySQL
- Cloud: AWS
- CI/CD: CircleCi, GitHub
- Experience with Linux/Bash
- Containerisation: Docker
- IaC: CDK

Education

June 2023

Code Clan, Edinburgh, UK

Professional Development Award (HND) in Software Development

June 2021

University of Liverpool, UK

Undergraduate Degree in Marketing (2.1 with Honours)

Languages

Fluent: English, Italian, French Intermediate: Spanish Basic: Chinese Mandarin