Michelle Mattera

Full Stack software developer

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in Michelle Mattera

⦿ Guadalajara, Mexico

🌐 Portfolio website

Professional Summary

Junior Software Developer with a diploma in Full Stack Software development from the Code Institute, specialized in data analysis. Proficient in JavaScript, Python, HTML, and CSS, showcased through hands-on experience in diverse projects, including machine learning, full-stack web applications, and backend development for innovative solutions. Professional with experience in business support, adept at understanding corporate needs, and effective communication to optimize processes and enhance business performance.

Key Skills

Databases:	**MySQL, MongoDB, PostgreSQL**
Languages:	**HTML, CSS, JavaScript, Python**
Librarie:	**JQuery**
Version Control:	**Heroku, GitHub, Git**
Frameworks:	**Flask, Django, Bootstrap**

Education

October 2022-October 2023

Diploma in Full stack Software development

Code Institute - Dublin, Ireland
(Credit Rated by University of West of Scotland

September 2011-June 2016

Diploma in Scientific study

Secondary school in Ischia, Italy

Portfolio Projects

Heart disease analysis and prediction

(Machine learning project to predict if a patient will suffer from heart disease or not.)
• Executed a machine learning project , employing Python, scikit-learn, and data analysis techniques.
• Achieved 90% accuracy , and 97% precision in classification, showcasing data analytics and
model optimization skills.

HerBody

(OnlyGirls gym website where user can book a private self-defense session after creating an account.)
• Developed a CRUD-enabled full-stack web application for a virtual gym, using AGILE.
• Implemented unit testing methodologies using Django's Testcase across various components of the application to ensure individual units function correctly and reliably.

VetSeed

(Python-based backend program for veterinarians, allowing data management for dogs, including weight assessment and dailycalorie calculations.)
• Built a Python-based backend program where user can save data, access it later and do calculations, based on technical mathematical operation.
• Implemented a user-friendly authentication system enabling account creation, login, and the assignment of a unique Unicode during account creation for secure logins.

Star Wars Quiz

(Javascript based star wars fun quiz, with different difficulties and questions that the user can choose.)
- Developed an interactive Star Wars quiz using JavaScript for dynamic question presentation.
- Implemented local storage for score-saving, allowing multiple user-names on a single device.

Newline Alebrije

(Fantasy Website of a company that delivers Alebrije from the world of the death to this world.)
- Designed and developed a fantasy website using HTML5 and CSS3.
- Provided information about Alebrijes and guided users through the Alebrije acquisition process.

Work Experience

Professional Development   November 2023 - Present, Mexico

- Build my own Portfolio Website.
- Currently working on building a private real estate website.
- Partecipated on Hackatons and complete different coding course to expand my skillset.

Supervisor in Boutique Micki   June 2021- October 2023, Italy

- Organized shifts, managed website and magazine product updates, and coordinated weekly stock orders, showcasing strong problem-solving skills.
- Handled loyalty card collections, managed returns of damaged merchandise, and proactively identified customer needs on the shop
floor, demonstrating keen attention to detail.
- Created daily sales report , and organized weekly meetings to discuss weekly and long term goals.

Business Support in PayPal   March 2020 - April 2021, Ireland

- Delivered clear and precise communication on dispute resolutions, account limitations, and technical web assistance for major business clients, consistently earning 100% positive reviews
- Collaborated seamlessly in an elite group, contributing to a 130% monthly improvement in client revenue through tailored business advice and achieving promotion based on exceptional customer assistance.
- Provided hands-on technical support to clients, guiding them in setting up payment methods on their websites and implementing API calls for better UX.

Certificates

English course and IELTS certificate level C1

Boolean Coding Week certificate

Introduction to Cloud Computing on AWS for Beginners [2024]

5 Day coding challenge with CodeInstitute

Hackaton Partecipant Badge February 2024

Additional info

- I speak 3 languages , Italian (Native), English (C1), and Spanish with a B2 level.
- I like to partecipate in Hackatons monthly.
- I am currently engaged in a private project to design and develop a website for my father's apartments. This project involves creating a user-friendly platform to showcase the features and amenities of the properties, enabling potential tenants to easily access information and make inquiries.