Diana Race

Fullstack Developer

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About Me

I'm Diana, a collaborative, personable software developer with a team-first mentality. I relish technical challenges and learning all about new technologies.

I am soon to finish iO Academy's Full Stack Track course, where I'm learning the fundamentals of programming by developing a solid grounding in JavaScript & PHP, including adjacent tooling and frameworks. I have also qualified as a Certified Scrum Master.

I am now looking to contribute to a team that endeavors to create clean, performant, well-engineered experiences for people to enjoy. I'm keen to grow my understanding of all areas of development and contribute to making the internet a better space for everyone.

Outside of work I like to read and set myself challenges. My favorite recent read is 'The Wim Hoff Method' and my favorite recent challenge was to learn Acro Yoga. I'm really enjoying it so far.

PROJECTS

OOP Muppets App / PHP

Muppets is an **OOP PHP** app which displays the various muppet characters stored in a **MySQL database**. We also included partial text search and a pick a random muppet functionality. This project was managed in **Scrum,** and we used **Git** for version control. We followed an agreed upon wireframe, used **SOLID** principles, and the hydrator/entity design pattern to develop this app. This app's dependencies are managed by **Composer,** and it was unit tested with **PHPUnit**. In addition to development, I was also the scrum master for the team for this project.

Live link: https://dev.io-academy.uk/projects/2021-aug/OOPMuppets/
Github link: https://github.com/iO-Academy/2021-aug-oopMuppets

Todo App / Mean Stack

A simple vanilla **JavaScript** front end consuming and displaying todo based **JSON** data accessed by a **RESTful Node API** backend. Working across the whole stack I utilized **MongoDb** to store my JSON documents in a collection, then used **NPM** to install eh **Express** framework into my node application to make the most of the handy routing functionality. The routes for the various **CRUD** operations allow me to manipulate the todos with **GET/POST/PUT & DELETE HTTP** requests all linked up to **HTML** inputs on my front end.

Live link: https://github.com/dmayarace/toDo

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EXPERIENCE

Shield Myself/Visual Content Producer
2020-2021, Edinburgh
Creating visual content for a business selling nanotechnology liquids, eliminating bacteria and viruses on surfaces and fabrics. I created a website using a web builder, youtube and social media content.

English Teacher
2014-2019, Various locations in China
Using different teaching styles and strategies for language learning. As well as applying a variety of resources and materials to create captivating lessons. Mentoring groups of movtivated students to help them achieve their language goals, encouraging and assisting them along the way.

Travelling
2019-2020
I took time out to travel around Asia and had an extraordinaty time, creating many new connections and immersing myself in some incredible cultures. One of the highlights was volunteering with an organization helping rescued dogs in Malaysia.

Mojo Coffee/Manager
2009-2012, Wellington, New Zealand
Managing 2 premises and restructuring them to work to their full potential by creating and setting up new systems. Training staff to ensure the highest quality of customer satisfaction with customer service, product quality, product knowledge, and staff morale. After 6 months the store had risen from making a loss to the highest profit within their 15 stores

EDUCATION

SCRUM MASTER- Scrum Alliace.   A-level- Art, English & Math.

BA HONS- Fine Art, Edinbrugh College of Art.   GCSES- 3-A's, 4-B's