

Diogo Machado

BIO

Diogo is an enthusiastic developer and tech junkie with a passion for developing full-stack .NET and React applications. He's addicted to writing scalable and clean code for demanding software solutions. Naturally curious, he continuously spends time learning new technologies to improve his efficiency and code resiliency. Being an open-minded, analytical tinkerer helps Diogo quickly pick up business and client requirements and develop an appropriate solution.

MAIN SKILLS

Javascript, React, HTML5, CSS, Visual Studio, C#, ASP.NET Web Forms, ASP.NET, .NET Core, Bootstrap, XML, jQuery, KendoUI, MySQL, ASP.NET MVC

PROFESSIONAL EXPERIENCES

Full-Stack Developer

2020 - PRESENT
HydraDev

December 2021 – PRESENT

- Brought back all Apps to work as they were before
- Added possibility to connect to Wallet directly from ICO Dashboard
- Changed Buy flow to have multiple possibilities of buying the two available coins

Technologies: React, Typescript, React-Native, Javascript, SCSS

October 2021 – January 2022

- Created all UI from scratch using React and Chakra-UI
- Helped creating SDK using Anchor/Serum for Solana
- Integrated SDK into the Front-End for DeFi Platform

Technologies: React, Typescript, Material-UI, SCSS, Serum

August 2021 – October 2021

- Created React Component Library based on Material-UI and Storybook
- Created Blockchain Community Website with Custom Component Library

Technologies: React, Typescript, Material-UI, Storybook

March 2021 – July 2021

- Integrated custom SDK built with Cosmos for a new Cryptocurrency double-coin on a Web Wallet and Mobile Wallet
- Finished ICO Dashboard with option to buy both coins
- Created Explorer to connect with SDK and get all data flowing
- Finished Mobile Wallet and integrated it with SDK

Technologies: React, Typescript, React-Native

February 2021 – March 2021

- Creating new Feature for machine maintenance

Technologies: jQuery, Kendo UI

February 2021 - March 2021

- Creating Dashboards using Klipfolio and insert them in built websites

Technologies: Klipfolio, Google Analytics, Google Ads

October 2020 – February 2021

- Integrated the ability to crop images with set aspect ratios and calculated the X and Y to send to the back-end
- Created a daily routine for ideas for users to pitch, opening a modal on the first time the user logged in the current day
- Integrated Google Analytics to control all the logins

Technologies: React, Typescript, Material-UI

April 2020 – September 2020

- Created a GraphQL API to connect to a Tezos database and return the data in specific types like Michelson.
- Updated the CSS of an already functional Web-IDE using React and changed the compile window to work similar as the Output tab in Visual Studio Code.
- Added new features on an already function LIGO-Snippets that worked as a public package to include in any React application such as a compile mode for the three different languages and an option to change the source API for the compilation.
- Created a static GatsbyJS website with markdown-pages.

Technologies: GatsbyJS, React, TypeORM, GraphQL, TypeScript,

February 2020 – April 2020

- Created a CMS to view, add, edit, remove, and filter content with Material-UI and Reactstrap using Formik for the forms.
- Built server-side code with .NET Core and C# for a music store app.
- Collaborated with the team to restructure a management app (React and MongoDB) while using Axios to connect both and Material-UI for components.
- Created a React app with Material-UI to connect to .NET Core music store back end. Used Axios for API connections and Redux for actions, reducers, and store. Used material-table to have filterable and searchable tables in the entire application.

Technologies: React, Microsoft SQL Server, .NET Core, Node.js

Full-Stack Developer

2017- 2020

SoftReady

- Created an application for managing and executing exams, starting with season creation, statement generation, payment management, enrollment, and execution.
- Used Vue.js and some Kendo UI features to create an exam execution with the tools required by the client such as calculator or attachments for certain questions.
- Developed an app using C# and Kendo UI for the management and printing of aeronautical licenses such as cabin crew or pilot with requirements for each and having categories inside the licenses such as the type of plane they could pilot.
- Added, with Telerik Reporting, the possibility to print an official or a draft license with generated numbers and using the country NAA template.

- Implemented the company side of licenses to manage all the companies in the business such as maintenance companies or even flight companies.
- Created an additional small app for a flight school training app adding scheduling for practical classes (Kendo) and using planes or simulators.
- Updated the training app to version 5 with new features and technologies to improve its effectiveness and performance, adding a course request feature where the student could request to partake in a certain course and an on-the-job-training feature.

Technologies: Vue.js, Kendo UI, JavaScript, Microsoft SQL Server, C#

Junior Full-Stack Developer

2016 - 2017

SoftReady

- Converted old code from a training app to create a new version with new features using a new core back-end framework created specifically for the company apps.
- Eliminated bugs and improved overall performance by 25%.
- Changed the overall infrastructure in Web Forms to a mix of Web Forms and MVC which better suited the core framework.
- Added 100% compatibility with the new JavaScript framework (Kendo UI) using XML to generate HTML grids and forms.

Technologies: Kendo UI, JavaScript, Microsoft SQL Server, C#

EDUCATION

CET in Web and Mobile Development (2015-2016)

PERSONAL

English: C1; Portuguese: C2; Spanish: A2; French: A1;

Driver's Licence