

Manuel Carretero

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Skills

Programming languages: JavaScript, PHP, SQL, C#, Go

Technologies: Bootstrap, jQuery, React, Docker, Git, Github, composer, node

Tools: JetBrainsIDE's, Jira, VSCode, Photoshop, Bash

Experience

Frontend Engineer

Feb 2022 - Jul 2022

UnDosTres

Mexico City

- Developed an html to pdf converter for our credit card users' state of account.
- Created webviews for our iOS/Android credit card request and payment page flow.
- Worked in making a SPA loans application with React from scratch in our MVC.
- Made a template for responsive emails working on most clients.

Fullstack Engineer

Jul 2021 - Jan 2022

UnDosTres

Mexico City

- Developed endpoints for communicating our PHP ecommerce with our Go microservices.
- Worked on creating a composer SDK for merchants to integrate with our ecommerce.
- Created tables to categorize our products for display in our transaction history.
- Made algorithms to prevent misuse of our credit card.

Projects

NFT website

- Designed, developed and deployed a React website for NFT minting with Netlify.
- Integrated the website with a candy machine API in the Solana blockchain.
- Employed SEO to promote the website, and optimized it for a 1.4 sec FCP.

Unity game development

- Developed a tower defense game with custom, animated 3D models made in Blender.
- Implemented pathfinding algorithm for the AI.
- Created object pooling solution to boost the performance for mobile devices.

Activities and Achievements

Cambridge English Language Assessment: Certificate in Advanced English level C1

CENEVAL test: Outstanding performance

Education

Benemérita Universidad Autónoma de Puebla

BS in Mechatronics Engineering

Aug 2014 - Nov 2019

Puebla, México