Juan Akira Díaz Yamamoto
Software Engineer

SUMMARY

I've always been passionate about cars and computers, and I studied mechanical engineering because of the first. I've always had an interest in coding and have had the opportunity to code in a professional setting, and ever since I have broadened my skills to be able to build applications that combine both of my passions, as well as solve clients' needs.

WORK EXPERIENCE

Software Engineer at 100devs, Remote

October 2021 — Present

- Collaborated with a team of over 5 developers to build modern and responsive web applications using best practices

- Built >5 semantically structured full stack web applications

- Applied agile methodologies like SCRUM for project management

Full Stack Web Developer | Freelance

October 2021 — Present

Created full stack web applications and static websites for different clients for small businesses. Also, consulted on SEO and social media strategy. Some clients I can disclose include:

– Minimalist online store, actor/model

Junior R&D Consultant at Altran (now Capgemini Engineering) | Madrid

July 2020 — May 2021

- Python software development and scripting for simulating and calculating gas turbine parameters

- Writing of technical and coding documentation for internal team use and progress reports

RECENT PROJECTS:

Coches Curiosos (Fullstack Web App) – Web application with a React frontend and a Node backend that handles and displays car information stored in a MongoDB database.

Other Projects: DripShipping Online Store, personal website about my international experiences in an Erasmus project , personal YouTube comments-to-blog project, …

VOLUNTEERING

UPM MotoStudent | Madrid

September 2017 — July 2021

- Handling of website and social media activity, contact with sponsors

- Writing of documentation and state of the art reports

- Involved in the powertrain department in transmission calculations, wiring harness development and intake and exhaust flow calculations

CONTACT

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SKILLS

HTML

CSS

Javascript

React

Node

MongoDB

OOP

Web Accessibility

Python

Django

Flask

EDUCATION

UNIVERSIDAD POLITÉCNICA DE MADRID

2015 - 2022

Mechanical Engineering

HOCHSCHULE MÜNCHEN

2019 - 2019

Erasmus+ Program

LANGUAGES

SPANISH

Native

ENGLISH

C1 (Cambridge Advanced)

GERMAN

A2-B1 (UNIcert Basis)