

VÍCTOR PÉREZ PIQUERAS

Software Engineer – PhD – Scrum Master



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@victorperezpiqueras



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ABOUT ME

Software Engineer with over 5 years of experience designing and delivering scalable backend and full-stack applications using Python, Angular, and AWS. Proven track record building microservice architectures, REST APIs, and CI/CD pipelines that enhance reliability and deployment speed. Strong advocate of clean architecture, DevOps practices, and continuous improvement. PhD in Advanced Computing Technologies, combining technical expertise with agile leadership and a focus on high-quality, value-driven software delivery.

HARD SKILLS

Full stack experience

Cloud architectures

Lean, Agile & Scrum

Clean Code, CI/CD, DevOps

SOFT SKILLS

Eager learner: always exploring new software technologies and books

Team player and coach: focused on the team needs and synergies

Product mentality: validate value propositions through experiments

Creativity: problem-solving and innovative thinking

PROFESSIONAL EXPERIENCE

Full Stack Developer & Product Manager

Jan. 2024 – Today

Teknei

As a member of the Innovation and Product department, I helped transform a prototype into a fully functional, CI/CD-supported web and mobile application for technical assistance services. My role included full-stack development, CI/CD automation, and product management. Later, I led the development of a billing software product integrated with public administration systems, focusing on coordinating development, managing the backlog, and designing the backend using hexagonal architecture and automated testing. *Stack: Angular, Flutter, AWS Cloud, IaC, Python, Stripe.*

Full Stack Developer & Scrum Master

Nov. 2021 – Dec. 2023

Grupo Vermon S.L.

Hired on behalf of TMConnected to develop its MCO product, a management and monitoring system for railway maintenance machinery fleets. I supported our international agile team as a developer, building new product modules and features. Later, I transitioned to Scrum Master, facilitating training, enhancing team communication, and driving improvements in technical and value delivery practices. With a strong focus on rapid delivery, I introduced pair programming, feature flags, and flow metrics. I also coached team members on best practices and architectural principles. *Stack: Angular and microfrontends; AWS Cloud, IaC, Python, microservice-based backend architecture with ETLs.*

Researcher

Feb. 2021 – Oct. 2021

Universidad De Castilla-la Mancha

Research support staff in R&D&i project. Design and evaluation of multi-objective optimization algorithms. *Stack: Python, Pandas, Numpy, Matplotlib.*

EDUCATION

Certified Cloud Pract. + Solutions Architect - Associate • AWS



Professional Scrum Master II + Product Owner I • Scrum.org



PhD In Advanced Computing Technologies

2021 – 2025

Universidad De Castilla-la Mancha

Part-time researcher at the Intelligent Systems and Data Mining Laboratory. Metaheuristics and machine learning applied to software project management and release planning. Works presented in international journals and conferences.

Masters Degree In Computer Science

2020 – 2021

Universidad De Castilla-la Mancha

Multidisciplinary training and management skills. 5 distinctions with honours.

- TFM: "Scrum management software enhancement for automatic Product Backlog prioritization". *Stack: Angular, NodeJS, MySQL, AWS, Python. Mark:10.*

Bachelor's Bilingual Degree In Computer Science

2016 – 2020



Universidad De Castilla-la Mancha

Mention in Software Engineering. 4 distinctions with honours.

- TFG: "TheProductOwnerd: Support tool for the Product Owner". *Stack: Angular, NodeJS, MySQL. Mark: 10.*

First Certificate In English (B2) • Cambridge



ADDITIONAL ACHIEVEMENTS

SISTEDES - NTT Data Award for the best Masters Thesis

2022



Charles Babbage Award for the best Masters Thesis

2021



Best Academic Record of the Masters Degree In Computer Science

2021



Pictotrainer - Third Award • Esiab • Hack For Albacete

2020

Web and mobile application for the training and rehabilitation of people with functional diversity, presented to the HackForAlbacete2020 competition in collaboration with the CRMF-IMSERSO.

