PABLO OSÉS ANDÍA

FULL STACK DEVELOPER

ABOUT ME

Software Developer with practical experience since 2020 in freelance and academic projects. Specialized in Full Stack Development (React, Node.js, MongoDB) with focus on scalable architecture, CI/CD, and performance. Passionate about AI, with hands-on work in evolutionary algorithms and reinforcement learning.
Final-year Software Engineering student (UPM, 2025).

CONTACT

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🌐 linkedin.com/in/poses98

⬡ github.com/poses98

🌐 pablooses.com

📍 Madrid (On-site)
Worldwide (Remote)

COURSES

Machine Learning Training Program
Universidad Politécnica de Madrid
2025

AR in Marketing using Meta Spark
Coursera
July 2023

Introduction to Ethical Hacking
OpenWebinars
Nov 2019

LANGUAGES

- Spanish (Native)
- English
  - C1 in 2016
  - Year abroad in USA 2013-14

TECHNICAL SKILLS

- **Languages:** JavaScript (React, Node.js), Python, Java
- **Backend:** Node.js, Express, MongoDB, MySQL, REST APIs
- **Frontend:** React, Next.js, React Native
- **DevOps:** AWS (EC2, S3), Netlify, Heroku, GitHub Actions
- **Machine Learning & AI:** Genetic Algorithms, Multi-objective Optimization, Reinforcement Learning (PPO), CNNs
- **Testing:** Jest, Mocha, Selenium
- **CS Fundamentals:** Data Structures & Algorithms, Concurrency, OOP, Design Patterns

EXPERIENCE

FULL STACK DEVELOPER

Freelance

Nov 2022 - Present

- Developed a web platform for a McDonald's franchisee, optimizing internal management processes.
- Built and deployed a WooCommerce store (B2B/B2C) with SEO optimization and accessibility improvements.
- Designed and implemented scalable solutions in React, Next.js, Node.js, and MongoDB, focusing on performance and maintainability.
- Delivered freelance projects every 2-3 months, exceeding client expectations and reaching 10k+ users/month on some platforms.

RISK ADVISORY INTERN

Deloitte

Mar 2020 - Jun 2020

- Supported the Security Operations Center (SOC) team in threat monitoring, incident documentation, and cybersecurity best practices.

SOFTWARE DEVELOPER

Personal Projects

Developed personal and freelance projects applying AI, web, and game technologies:

- RouteForecast.app: weather-on-route web app (React, Node.js).
- Virtual coach & nutritionist (WIP): adaptive routines and meal planning with genetic algorithms, OpenAI function-calling, and voice interaction via Whisper STT + OpenAI TTS.
- OCR CAPTCHA (PoC): CNN + BiLSTM + CTC in TensorFlow.
- Custom Pong RL environment: PPO agent in Gym + Pygame.
- Game prototypes in Unity (C#) exploring interactive mechanics.

EDUCATION

SOFTWARE ENGINEERING
Universidad Politécnica de Madrid
2020 - 2025

CROSS-PLATFORM SOFTWARE DEVELOPMENT
Advanced Vocational Training
IMF Business School
2018 -2020