



## 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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[pablooses.com](https://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

- 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
- Observability:** OpenTelemetry, Grafana, Prometheus, Loki, Jaeger

### EXPERIENCE

#### SOFTWARE ENGINEER INTERN

##### Bosch Spain - BMG

Sep 2022 - Present

- Worked on an AI-powered translation platform using .NET, Python, Angular, and RabbitMQ.
- Built cross-platform observability libraries with OpenTelemetry (Grafana, Prometheus, Loki, Jaeger).
- Developed CI/CD pipelines in Azure DevOps and Dockerized deployments with Traefik and Portainer.
- Contributed to system architecture, performance optimization, and data persistence with MongoDB.

#### FULL STACK DEVELOPER

##### Freelance

Nov 2022 - Present

- 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.

### EDUCATION

#### SOFTWARE ENGINEERING

Universidad Politécnica de Madrid  
2020 - 2025

#### CROSS-PLATFORM SOFTWARE DEVELOPMENT

Advanced Vocational Training  
IMF Business School  
2018 -2020