LUCAS CHACON

Full Stack Developer | AI & Big Data

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Professional Profile

Full Stack Developer with experience in Java, Python, and JavaScript. Skilled in building secure REST APIs (Spring Boot, FastAPI, JWT), managing databases (OracleDB, PostgreSQL, MySQL, MongoDB), and developing responsive frontends (React, NextJs, Tailwind). Experienced in Agile/Scrum and international teams. Currently pursuing a Master's in AI & Big Data, highly motivated to apply scalable solutions and leverage data/AI in real-world projects.

Profesional Experience

Web Developer — CCOO | Madrid, Spain | Mar 2025 – Jun 2025 (4 months)
- Delivered internal MVC platforms with Java 17 + Spring Boot, exposing REST APIs and security with Spring Security.
- Optimized OracleDB queries (indexes, pagination, SQL tuning), reducing endpoint response times by 15%–30%.
- Implemented responsive interfaces using Thymeleaf, JavaScript (ES6+), jQuery, Bootstrap 5, SCSS.
- Collaborated in Agile/Scrum teams with Git/GitLab; coordinated with analysts and QA; set up basic CI for merge reviews and controlled deployments.

Robotics Teacher — Robotik4Kids | Madrid, Spain | Jan 2021 – Dec 2022 (2 years)
- Designed and delivered 15+ programming and robotics workshops.
- Trained 100+ students (ages 9–12) in logical thinking and basic programming skills.

Experiencia internacional

Catering Assistant — The Marlay Nursing Home | Dublin, Ireland | Jan 2023 – Sep 2023 (9 months)
- Worked effectively in an international team environment, strengthening English communication skills and managing time under pressure.

Tech Stack

Backend: Java, Spring Boot, Python, FastAPI, REST API
Databases: OracleDB, PostgreSQL, MongoDB, MySQL
Frontend: React, NextJs, JavaScript (ES6+), HTML5, CSS3, Tailwind, Bootstrap, SCSS
DevOps/Tools: Git, GitHub, GitLab, Docker, AWS, Linux
Metodologies: Agile, Scrum
Generative IA: IDEs, Agentes, MCP, LLM
API: IA APIs, API REST, External APIs

Education

- **Master's in Artificial Intelligence and Big Data** – Linkia FP | 2025–2026 (ongoing)
- **Higher Technician in Web Application Development (DAW)** – IES Francisco de Goya | 2023–2025
- **Degree in Telematics Engineering (incomplete)** – University of Alcalá (UAH) | 2021

Languages

Inglés: C1 — EF SET 63/100 (Advanced)

Personal Projects

Explore full projects and demos in the portfolio → https://lucaschacon.dev