David Lopez Rodrigez
Software Engineer
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Skills

Languages: HTML, CSS, JavaScript, TypeScript, Python, SQL.
Frameworks: React, Next.js, Django, Node.js, TailwindCSS, ORM's.
Databases: PostgreSQL.
Technologies / Tools: Git, GitHub, Docker, Railway, AWS.
Concepts: REST APIs, CI/CD, Agile/Scrum, Responsive Design, Authentication & Authorization, Database Design.

Experience

Freelance Full-Stack Developer | London, UK | 2021 – Present
Iberosucre Productions – Event Management Platform

- Designed and developed a dynamic event management platform using Next.js, TypeScript, Tailwind CSS, Node.js, Prisma ORM, and PostgreSQL.
- Built a full CMS enabling non-technical users to manage concerts and events in real time.
- Deployed on Railway with SEO optimization and responsive mobile-first design.
- Reduced manual content management overhead by 80%.

IbetjoCleanApp – Airbnb Property Management SaaS

- Delivered a role-based multi-tenant platform with property scheduling, invoicing, and image documentation.
- Integrated Google Maps, ImageKit, and automated email notifications.
- Implemented PDF billing generation and dashboard analytics.
- Increased operational efficiency for client by 70%.

El Dorado – Forex Services Website

- Developed a responsive, high-performance website using React, TailwindCSS, and Framer Motion.
- Achieved Lighthouse scores above 93 in all metrics.
- Designed UX/UI from scratch and optimized for SEO and scalability.

Projects

AI Interviewer – Mock Interview Platform for Developers *(Personal Project)*

- Developed MVP for AI-powered interview simulations using Next.js 15, TypeScript, OpenAI GPT, Ultravox, and custom RAG system.
- Integrated multiple AI services for dynamic question generation, real-time voice processing, and AI feedback.
- Designed scalable architecture for future expansion.

IbbUploader – Cross-Platform Image Upload Library *(Personal Project)*

- Created dual-platform library for Python and Node.js to upload images to ImgBB API from multiple sources.
- Implemented custom naming, expiration settings, and advanced error handling.
- Enhanced API integration reliability with robust authentication and data handling methods.

Education

BSc (Hons) Computing — University of Wales Trinity Saint David (London Campus) | 2025 – 2027 *(In Progress)*
Level 4 CertHE Computing Skills for the Workplace — UWTSD London | 2024
Full-Stack Web Development Bootcamp — School of Code | February 2022 – June 2022