MANUEL ALFÉREZ RUIZ

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EXPERIENCE

Freelance — Remote
Full Stack Engineer — Nov 2024 - Present

- Building scalable web applications using React, Next.js and TypeScript, delivering custom solutions for diverse client needs.

Khadra Management Ltd — Remote, UK
Digital Transformation Consultant — Jan 2024 - Oct 2024

- Integrated Outlook with Notion to automate the conversion of 700+ emails into tasks, improving project management efficiency by an estimated 50-70%.
- Transitioned data storage to a cohesive database system, conducting training sessions on fundamental database operations for employees.
- Designed and implemented robust database structures for effective project and information management, overseeing a financial portfolio exceeding £2 million.

Ujalearn — Remote, Spain
Full Stack Engineer / Freelance — Nov 2023 - Dec 2023

- Led the complete design and development, including data storage, user interface, and production environments.
- Researched and integrated the Moodle API, creating a synchronization system.
- Designed the database schema and integrated Prisma to simplify database queries and reduce complexity.

Hubtype — Remote, Spain
Solution Engineer — Jun 2022 - Oct 2023

- Built custom visual messaging components in bots, which resulted in over 36 million meaningful interactions and significantly improved user engagement metrics.
- Developed the initial version of an internal plugin for Flow Builder to generate chatbots, which has since become a key product for the company.
- Led interactive software training sessions for customers, covering both basic product knowledge and advanced technical aspects for developers.

EXTRACURRICULAR

Community Organizer

Supported community growth by organizing events for 300 attendees, speaking at 3 events on topics such as Google Cloud, React.js, and Open Source with Git & GitHub, and leading a team of 8 volunteers to build a community of 1,200+ members.

Projects

- **Botonic.** Contributed to the development of Botonic, an open-source full-stack framework using React and TensorFlow.js, enabling the creation of modern conversational apps and chatbots across web, mobile, and messaging platforms like WhatsApp and Messenger.
- **Flowinance.** Built a high-performance financial management app from scratch with AI transaction categorization, encryption, and multi-currency support. Led 20 student developers to add 12 features and 30+ improvements, reaching 100+ users.

EDUCATION

Universidad of Jaén — Jaén, Spain
BS Computer Engineering — INC — Sep 2015 - Jun 2021

University of Jyväskylä — Jyväskylä, Finland
BS Information Technology — Jan 2021 - Jun 2021

SKILLS

Languages:	TypeScript, JavaScript, HTML, CSS, C/C++, Bash, Markdown
Frameworks & Libraries:	React.js, Next.js, Tailwind CSS, Prisma, Node.js, Rechart, Socket.IO, GraphQL
Tools:	Git, GitHub, Vercel, Supabase, Docker, AWS, Google Cloud, Figma, Contentful