

# Manuel Alférez Ruiz

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## Skills

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**Programming and Frameworks:** TypeScript, JavaScript, React.js, Next.js, Node.js, GraphQL, Prisma, Tailwind CSS  
**Backend and Databases:** SQL, PostgreSQL, REST API, Supabase, Redis, Docker  
**Tools and Platforms:** Git, Vercel, AWS, Google Cloud, Netlify, Firebase, Contentful, Figma, CI/CD  
**Spoken Languages:** Spanish (Native), English (Fluent)

## Experience

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**Full Stack Engineer, Freelance – Remote, Spain** May 2024 – Present

- Implemented a CI/CD pipeline with Prisma integration and automated staging/production environments for a public university, cutting deployment times by 32% and accelerating feature delivery by 50%
- Developed a backend in Next.js and PostgreSQL for Moodle API integration, synchronizing data across 200+ courses and 900+ teachers, handling over 1,200 daily transactions
- Created a course dashboard with personalized recommendations and real-time progress tracking, increasing user engagement by 27% and improving course completion rates by 21%

**Software Engineer (Contractor), Khadra Management Ltd – Remote, UK** Nov 2023 – Apr 2024

- Engineered an automated React-based reporting system that reduced report generation time by 66%, saving £32,000 annually for the company
- Built a React app with a custom PostgreSQL database to manage banking transactions, migrated data from spreadsheets, and reduced processing time by 89%, improving financial oversight for £2M in transactions
- Integrated Outlook with Notion and configured Telegram alerts to automate email management, eliminating manual task creation and making the process 3 times faster for a team of 9 people

**Solution Engineer, Hubtype – Remote, Spain** June 2022 – Oct 2023

- Developed the first internal plugin for a graphical interface enabling clients to design bots without coding, reducing launch time from 2 to 4 weeks to under 1 week, which is now used by 200+ clients
- Implemented a WhatsApp chatbot using React and AWS and integrated with a REST API to handle appointment scheduling, reducing no-shows by 36% and saving approximately €500K annually for a company with 3M clients
- Resolved critical bugs in 30+ bots across multiple industries, reducing downtime by 40% and increasing client retention through training and handovers to technical teams
- Created a custom dropdown menu for bots to display order statuses, reducing customer service inquiries by 47% through API integration, testing, and documentation for a \$3.5B luxury retailer

## Extracurricular

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**Flowinance, flowinance.com**

- Built a financial management platform driven by OpenAI for transaction categorization and with multi-currency support, handling over 750 monthly transactions and enabling users to track their finances securely
- Led a team of 14 developers to launch 11 features and 30+ improvements, growing the user base from 3 to 100+, while enhancing key features like transaction export and setup documentation

**Community Organizer, Google Developer Groups – Jaén, Spain** June 2018 – Dec 2022

- Organized tech events for 330+ students and software engineers, managing a €6,000 budget, coordinating speakers, arranging accommodations, organizing catering and advertising
- Delivered talks on Google Cloud, React, and Open Source with GitHub while leading a team of 8 volunteers to grow a community of 1,200+ members

## Education

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**University of Jaén – Bachelor of Science in Computer Engineering** Sept 2015 – June 2021

**University of Jyväskylä – Bachelor of Science in Information Technology – Erasmus+ Program** Jan 2021 – June 2021