


# Manuel Alférez Ruiz

## Software Engineer

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### EXPERIENCE

#### Solution Engineer

Hubtype 

06/2022 – 10/2023

Remote, Spain

- Developed custom visual message components in bots, leading to over 36M meaningful interactions and a significant improvement in the user engagement metrics.
- Implemented an internal plugin to generate chatbots from backend-supplied flows, and reporting directly to the CTO on the progress and success of the project.
- Led interactive software training sessions for customers, encompassing both the basics of product knowledge and advanced technical aspects for developers.

**Success:** I developed the initial version of an internal plugin for Flow Builder, which has since become a key product for the company.

#### Full Stack Developer

Ujalearn

11/2023 – 12/2023

Remote, Spain

- 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.

**Success:** I led the integration of over 200 Moodle courses into a new app for 900+ teachers, creating a robust backend system and clear documentation.

#### Digital Transformation Consultant

Khadra Management Ltd

01/2024 – 04/2024

Remote, UK

- Integrated Outlook with Notion to automate the conversion of hundreds of emails into tasks, improving project management efficiency.
- 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.

**Success:** I transformed the company's workflow by designing and implementing a new database and task management system. This enabled email processing to increase from 40 to over 160 per day and reduced report generation time from 15 minutes to under 2 minutes.

### PROJECTS

#### Flowinance

Track your money effortlessly and uncover your spending trends

- Implemented secure user authentication for accessing financial data via Supabase, ensuring data privacy and protection.
- Integrated ChatGPT for transaction extraction and categorization, improving data organization and accuracy.

#### Chatcus

A real-time chat application using React.js and Socket.IO.

- Created an Open Source project with 9 stars and 11 forks on GitHub.
- Managed a team of 6 student developers on 5 new features and 12 enhancements.

#### Ask weather

Weather app with OpenWeatherMap API on GraphQL.

- Forked and extended the GraphQL API for OpenWeatherMap API.
- Built an intuitive frontend in React.js and using Apollo.

### ORGANIZATIONS

#### Google Developer Group

Lead Organizer

- Events: Supporting the community to organize events of 300 people.
- Speaker: Being speaker in 3 events about: Google Cloud, React.js and Open Source with Git & Github.
- Community size: Leading a team of 8 volunteers to create a community of 900+ people.

### EDUCATION

#### BS in Computer Engineering — INC

University of Jaén

2021

Jaén, Spain

#### BS in Information Technology

University of Jyväskylä

2021

Jyväskylä, Finland

### SKILLS

**Languages:** TypeScript, JavaScript, HTML, CSS, C/C++, Bash, Markdown

**Frameworks & Libraries:** React.js, Next.js, Tailwind CSS, Prisma, Rechart, Node.js, Socket.IO, Express.js

**Tools:** Git, GitHub, Vercel, AWS, Supabase, Contentful, Google Cloud, Prismic, Firebase, Heroku, Figma