

Marc Serrano

Software Engineer | AI & Fullstack

✉ marcserranog@gmail.com ☎ 665537096 📍 Barcelona, Spain 🌐 linkedin.com/in/marcserranog

🔗 marcserranog.github.io 🐙 github.com/marcserranog

ABOUT ME

I'm a versatile software developer with experience in both frontend and backend, passionate about building scalable, high-performance applications that create real impact. I began my career as a full-stack developer using Java, C#, .NET, and SQL, later specializing in frontend with React, JavaScript, and TypeScript. Currently, I work on AI-powered conversational platforms, designing distributed services in Go and Python, using microservices, message queues, and technologies like RabbitMQ, Redis, XMPP, and Docker. I also contribute to frontend development to ensure seamless integration between business logic and user experience. I'm always eager to learn and apply cutting-edge technologies to solve complex problems.

PROFESSIONAL EXPERIENCE

Software Developer | AI & Fullstack

March 2025 – present

Imbee - Barcelona, Spain

- Building backend services for AI-powered chatbots and user-bot communication platforms, using a microservices approach.
- Specialized in Go, Python, RabbitMQ, Redis, XMPP, and containerization with Docker and Docker-Compose.
- Also supporting frontend development with JavaScript, TypeScript, React, and jQuery for seamless integration between backend services and user interfaces.

FullStack Software Engineer

July 2024 – December 2024

Indra - Barcelona, Spain

- Worked on the development of central control applications for transportation systems, using Java with Spring Framework and MVC architecture.
- Implemented new features and dynamic user interfaces with Angular.
- Also supported integration and maintenance of legacy systems using ASP.NET 🌐 and Oracle databases.

Intern Software Engineer

December 2023 – May 2024

Dynatrace - Barcelona, Spain

- Developing an application (Product Analytics) based on analyzing in more detail the performance of your websites and applications.
- Maintenance of the platform including new features and testing with the latest technology.
- Learning best practices and principles such as Clean Code, Object Calisthenics, etc.
- Work in an agile environment with knowledge on Jira.

Junior Software Developer

August 2022 – September 2023

Applus+ - Barcelona, Spain

- Improved the performance of core vehicle inspection (ITV) programs by optimizing internal processes.
- Developed small applications and features using Java and C# on the .NET Framework, and performed maintenance tasks with SQL Server databases.
- Also contributed to web interfaces using Angular and JavaScript, enhancing user experience and operational efficiency.

EDUCATION

Bachelor's Degree in Computer Engineering for Management and Information Systems

September 2019 – June 2024

Tecnocampus (ESUPT) Universitat Pompeu Fabra

SKILLS

- Go & Python
- React
- Javascript/Typescript expertise
- Chatbots with IA
- Front-end Architecture & Design
- Docker & Docker Compose
- Spring Framework & Java
- REST APIs · MVC · Clean Code

NOTABLE PROJECTS

Hairboard

A platform for managing aesthetic services, including client management, reservations, and invoicing. Built with Java, Spring Framework, MySQL, and a front-end using Angular and TypeScript.

Fakeflix

A a movie browsing web with React, Tailwind CSS, Webpack, and Jest. Users can browse movies, view details, and add them to a wishlist. Data is fetched from an API, with dynamic carousels and a responsive UI.

Transports TCM

Company of transport of frozen food, it has to develop the calculations that makes the trucks depending on the price, the distance that it travels looking for the most optimal solution. Developed with Java, Spring Framework and MySQL

LANGUAGES

Spanish: Native

English: B2

Catalan: Native