

# ALONSO LOBATO Full-stack developer

[alonsosofteng.dev](https://alonsosofteng.dev)[alonsosofteng@gmail.com](mailto:alonsosofteng@gmail.com)[alonsolo](https://www.linkedin.com/in/alonsolo)[github.com/AlonsoLobato](https://github.com/AlonsoLobato)

**Full-stack software developer** actively seeking a **backend-oriented role** within a team that prioritizes effective **communication** and **professional growth**. My goal is to put my skills to good use and help to **build products that customers want**.

## TECHNICAL EXPERIENCE

Inventory microservice architecture.....Jan 2024

- Engineered a distributed application using **Node.js** and **Express**, employing a **microservices architecture** to oversee beverage inventory management for a bar setting.
- Implements **OpenTelemetry** tooling to ensure comprehensive **observability** and monitoring capabilities.
- Orchestrated project **containerization** leveraging **Docker** for streamlined efficiency, and facilitated seamless microservice communication through **RabbitMQ** as a message broker.

Cooking recipes API.....Sep 2023

- Developed a robust **RESTful API server** with **Node.js**, utilizing **Express** for seamless HTTP and route management, complemented by **Nginx** as a reverse proxy for streamlined access to cooking recipes.
- Employed **MongoDB** as the backend database, ensuring efficient data management, and deployed the solution on an **AWS EC2 instance** for scalable performance and reliability.

HotSprings full-stack app.....Aug 2023

- Crafted a dynamic **full-stack Node.js application** enabling users to discover hot springs worldwide through integration with the **Google Maps API**.
- Seamlessly developed with **Express** for backend handling, **MongoDB** for efficient data storage, and **React with Tailwind CSS** for responsive front-end design.
- Successfully deployed the application on **Heroku cloud platform**.

To-do frontend app.....Feb 2023

- Completed **frontend development** for a robust to-do management application, showcasing proficiency in **manipulating the DOM** through **Handlebars templates** and HTML.
- Leveraged **object-oriented programming** principles and **event-driven programming** methodologies to architect and implement an intuitive user experience.

LSPeers full-stack app.....Apr 2022

- Orchestrated the development of a **full-stack application** leveraging **Ruby**, with **Sinatra** serving as the primary web framework and **ERB templates** for the user interface, facilitating students in finding study partners according to their requirements.
- Implemented a robust relational database utilizing **PostgreSQL** to efficiently manage data storage and retrieval.
- Deployed the application on Heroku**, ensuring seamless accessibility and scalability for users.

## SKILLS

Languages	Frameworks & libraries	Other tools		
<ul style="list-style-type: none"><li>JavaScript</li><li>Ruby</li><li>SQL</li><li>HTML / CSS</li></ul>	<ul style="list-style-type: none"><li>Express, Sinatra</li><li>React</li><li>Jest, Minitest</li><li>ERB, Tailwind, Handlebars</li></ul>	<ul style="list-style-type: none"><li>Node.js</li><li>PostgreSQL</li><li>MongoDB</li><li>Nginx</li></ul>	<ul style="list-style-type: none"><li>Docker</li><li>AWS EC2</li><li>Heroku</li><li>GitHub / GIT</li></ul>	<ul style="list-style-type: none"><li>OpenTelemetry</li><li>Jaeger</li><li>RabbitMQ</li><li>REST API</li></ul>

## EDUCATION

Software Engineering & Full-Stack Development, Launch School.....2020 - 2023

- The [Launch School curriculum](#) is a **multi-year mastery-based** education program for **programming fundamentals** and **full-stack web development**, designed for a long-term career as a software engineer.

Bachelor Degree in Information Management, University of Granada.....2000 - 2005