



THOMAS RAVETTO

FULL-STACK DEVELOPER

Full-Stack developer competent at creating scalable and secure applications. As a self-taught developer, I built various projects to practice and enhance my skills. I am currently in pursuit of a position where I can collaborate with experienced professionals to continue to strengthen my knowledge and skills in the field.

PERSONAL PROJECTS

Trading Simulator Project

Feb 2024 – Mar 2024

Development of a stock trading simulator. UI developed with React, the back-end was built with Node.js to manage real-time operations and simulated transactions. Implementation of an API to receive and process real-time data on the stock market. Integration of a cache system to optimize API calls and improve application performance. Implementation of a transaction database system to simulate the stocks trading experience, allowing users to manage and monitor their trading operations.

Chat Application Project

Dec 2023 – Gen 2024

Development of a real-time chat application that allows users to send friend requests and communicate via chat. UI developed with React. Use of Node.js to handle API requests and Socket.js for real-time messaging functionalities. This project increased my knowledge of microservice architectures and RESTful API management, developing skills such as Docker and AWS for cloud server management and application hosting.

NASA Project, Zero To Mastery's Course

Oct 2023 – Nov 2023

Development of an application server that uses NASA's data to obtain information regarding habitable exoplanets and facilitates the planning of space launches with rockets produced by SpaceX. Use of Node.js for exoplanet data processing and integration with SpaceX APIs. Implementation of a NoSQL database using MongoDB.

Smart Brain, Zero To Mastery's Course

Sep 2023 - Oct 2023

Development of an application that detects and highlights the faces inside a photo provided via URL. The application communicates with an external API to detect the faces and draw a square around them once it receives the position data. Use of Node.js for server implementation and of React to build the UI.

Budget Planner Application

Gen 2023 - Feb 2023

Development of an application that allows users to create an account and manage their budget, financial situation, and transactions.

Used Flask to build both the back-end and the front-end.

CONTACT

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LINKS

- [Portfolio](#)
- [LinkedIn](#)
- [GitHub](#)

EDUCATION

Zero To Mastery's Course

May 2023 – Present

Course in English which allowed me to develop knowledge and skills in programming and software development field. The design and building of several projects within the course allowed me to strengthen the skills in the development and design of Node.js servers.

IISS Des Ambrois, Linguistic Diploma

Sep 2016 – Jun 2021 Oulx (TO)

Graduated from Linguistic High School after obtaining a C1 certification in English and a good knowledge of French.

COURSES

C1 Advanced,

Cambridge Assessment English

Jan 2021 – May 2021

SKILLS

Node.js

React

JavaScript

PostgreSQL

RESTful API