



RICARDO PINA

FULL-STACK | BACK-END
DEVELOPER

CONTACT

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- Teresópolis - RJ - Brazil
- [GitHub](#) | [LinkedIn](#)

EDUCATION

- 2024
Teresopolis - Brazil
DESCOMPLICA COLLEGE
Fullstack Developer Graduate
- 2014 - 2018
Rio de Janeiro - Brazil
MERCHANT NAVY OFFICER'S SCHOOL
Bachelor of Nautical Sciences

CERTIFICATES

- 2024
Teresopolis - Brazil
DESCOMPLICA COLLEGE
Fullstack Developer Graduate
- 2024
Teresopolis - Brazil
HARVARD CS50X
Computer Science Introduction
- 2023 - 2024
Teresopolis - Brazil
ALURA
Web | Software Development
Courses

PROFILE

Ricardo is a fullstack developer who transitioned from a career as a ship pilot to the tech industry, bringing with him strong leadership, decision-making, problem-solving skills honed in high-pressure environments. A self-taught professional with nearly 2 years of hands-on experience in Node, Typescript and React, he is driven by the passion for building software that transforms clients' lives. Endowed with high adaptability and quick learning, he is committed to a continuous personal and professional growth, aiming to contribute with innovative projects that make a real difference in the world.

WORK EXPERIENCE

- Freelancer** OCTOBER 2023 - PRESENT
Full-stack Developer
Project built - a personal financial management full-stack web application with full responsivity for all devices, providing features such as registering transactions, categories and bank accounts, filtering by date and includes generation of dynamic charts. (Python | Flask | Bootstrap | SQLite)
[Live demo](#) [Project Documentation](#)
- Project built - a transportation service full-stack web application that integrates with Google Maps API to calculate an optimized route between two addresses and provide a list of available drivers. Key features are access to travel history, route calculation and static map generation. (Node | Typescript | React | PostgreSQL | Express.js | Prisma)
[Live demo](#) [Project Documentation](#)
- Project built - an arcade space game as part of Harvard's CS50x first problem set, using MIT visual programming language Scratch. (Scratch)
[Live demo](#)
- Project built - a RESTful API designed to capture and record measurements from images of utility meters, such as water and gas. It integrates with Google Gemini LLM API for measurement extraction and logs into a database for accurate tracking and analysis. (Node | Typescript | MongoDB | Express.js |)
[Live demo](#) [Project Documentation](#)
- Project built - a real estate rental web application where a user can make reservations of other users estates or rent his own estate. Key features are basic CRUD operations allowing creation, updating, deleting and listing estates, reserves and users, a catalog with available estates, pagination and filtering of estates. (Node | JavaScript | MongoDB | Next.js | React)
[Live demo](#) [Project Documentation](#)

TECH STACK

Javascript | Typescript
Node.js | Express.js
Vite | React | Next.js
Jest.js | Postman
Python | Flask
HTML | CSS
Tailwind | Bootstrap
MongoDB | Mongoose
PostgreSQL | SQLite | Prisma
ChatGPT | Google Gemini
Figma | Canva
Git | GitHub
Docker

HOBBIES

Programming
Eletronic Games
Forex Trading
LoFi
Yoga

LANGUAGES

Portuguese ●●●●●●
English ●●●●●●
Italian ●●●●●●

SKILLS

INTERPERSONAL

Adaptability
Active Listening
Communication
Leadership

Negotiation
Problem Solving
Time Management
Teamwork

TECHNICAL

MVC Architecure Pattern
SQL | NoSQL Database management
RESTful API Development
API Documentation
Authentication | Authorization
Criptography
Caching | Performance
Unit | Integration Tests
Version Control
AI - Artificial Intelligence

HTTP | HTTPS protocols
Containerization
Algorithms | Programming Logic
Data Structure
Debugging | Testing
Design Patterns
Refactoring
Clean code
Object-Oriented Programming
Functional Programming

REFERENCES

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