

Enzo Esmeraldo

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SUMMARY

Fullstack Developer and Technical Lead with a strong focus on Front-end (React, Angular). I lead end-to-end development of complex solutions, from crafting component libraries and UI design to software architecture and AI integration. Dedicated to clean code, scalability, and team mentoring to deliver products that combine high technical performance with an exceptional user experience.

EDUCATION

Universidade de Fortaleza (UNIFOR), Fortaleza, CE – 2025.1 - Present
B.S. in Computer Science

Universidade Federal do Ceará (UFC), Fortaleza, CE – 2022.1 - 2024.2
B.S. in Computer Science

PROFESSIONAL EXPERIENCE

Project Leader (React + Node.js + PostgreSQL) - **Colégio Christus**, Jan. 2026 – Present

- Lead the end-to-end technical development of an AI-powered medical platform for clinical decision support.
- Architect the FullStack solution, ensuring high scalability, performance, and ease of maintenance.
- Create the visual identity and component library, designing the UI/UX from scratch.
- Manage version control and Git workflows, while providing technical mentoring to the team for the adoption of clean code and design patterns.

FullStack Developer (Angular + Spring Boot) - **Colégio Christus**, Jan. 2025– Dec. 2025

- Developed the Exitus educational system end-to-end, with strong involvement in front-end, back-end, and database development.
- Implemented integrations with AI services for automated question validation, enriching the educational experience.
- Created screen designs and visual identity (UI/UX), focusing on usability and consistency.
- Executed webhook integrations and cloud deployment management (Source Cloud).

FullStack Intern (Angular + Spring Boot) - **Colégio Christus**, Apr. 2024 – Dec. 2024

- Participated in the development and continuous improvement of the Exitus system interfaces, with a core focus on usability and accessibility.
- Collaboratively supported the UI/UX team in creating user flows and agile interface designs.

PROJECTS & EXTRACURRICULAR ACTIVITIES

Dino Library – 2025

- Developed a highly scalable educational platform cataloging over 500 species, featuring dynamic maps and a geological timeline.
- Implemented the architecture using React, TypeScript, and Firebase, ensuring real-time data flow and optimized rendering performance.

Pokémon Team Builder – 2025

- Built a web application oriented towards strategic team analysis, processing advanced statistics and type synergy calculations.
- Optimized complex data manipulation with high performance through robust integrations of external APIs using React.

Aqua Census – 2024

- Created a social impact web app for monitoring and managing marine researches
- Led data integration via RESTful APIs and structured complex state management in the interface using React and TypeScript.

PET Computação Scholar (UFC) – May. 2022 - Oct. 2023

- Collaborated actively in academic research projects and the organization of the Ceará Informatics Olympiad.
- Designed and administered programming logic exams, fostering tech education for local school students.

TECHNICAL SKILLS

- **Programming Languages:** TypeScript, JavaScript, Python, Java, C++.
- **Front-end & UI/UX:** React, Angular, Figma, Interface Design.
- **Back-end & Architecture:** Node.js, Spring Boot, Java, Python, C++, Desenvolvimento de APIs RESTful.
- **Databases:** PostgreSQL, MySQL, Modeling.
- **DevOps & Tools:** Git/GitHub, CI/CD, Linux, Postman, Cloud Deployment
- **Languages:** English (Fluent), French (Basic), Portuguese (Native).
- **Certifications:**
 - React 19: The Complete Guide to Modern Web Apps Educative (17h).
 - Santander Academy Python (8h)
 - Curso Online de PHP - Rocketseat (5h).

