Pedro Henrique Braga de Castro
Software Developer
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SUMMARY

Front-end-focused developer with solid experience in React.js, Next.js, TypeScript, and C#. Skilled in building modern applications with an emphasis on performance, scalability, and user experience. Involved in both professional and academic projects as a developer and Tech Lead, contributing from architecture design to final delivery. Advanced knowledge of agile practices (Scrum, Gitflow), interface design (UI/UX), and cross-functional team collaboration. Advanced English proficiency and passionate about innovation and web development.

EXPERIÊNCIAS PROFISSIONAIS

Software Development Intern – 90TI *(January/2025 – Present)*
Company focused on management systems for Civil Engineering.

- Planned Front-end architecture and developed a Web ERP system using Next.js. Refactored monolithic systems to C# and React.js, improving scalability and maintainability.
- Collaborated with cross-functional teams using agile practices (Scrum, Gitflow).

Software Development Intern – DTI Digital *(October/2024 – January/2025)*
Software development company.

- Maintained and supported web applications using React.js and C#.
- Interacted directly with clients and participated in agile ceremonies for continuous delivery.

Tech Lead – WebTech *(May/2023 – December/2023)*
PUC Minas Extension Project

- Led the Front-end technical restructuring of the graduate program's institutional website.
- Coordinated a team of 3 developers using React.js and TailwindCSS.
- Defined standards, conducted code reviews, and ensured high-quality delivery.

EDUCATION

Bachelor's in Software Engineering
Pontifical Catholic University of Minas Gerais (PUC Minas)
Jan/2023 – Dec/2026 (in progress)

Bachelor's in Public Administration and Air Force Science
Air Force Academy – Pirassununga/SP
Mar/2021 – Jul/2022 (incomplete)

ACADEMIC RECOGNITION

- **Highlighted Interdisciplinary Project:** *E-commerce Atacarejo Fernando*.
- **Student Representative**: Internal Evaluation Committee – PUC Minas.
- **Teaching Assistant – Web Interface Development** *(Aug/2023 – Dec/2023)*:
  - Assisted students with HTML, CSS, JavaScript, and jQuery.
  - Conducted a workshop on Git and GitHub.

CERTIFICATES

- **Next.js 15 & React - The Complete Guide:** Maximilian Schwarzmüller.
- **React from Zero to Mastery** (Hooks, Router, API, Projects) – Hora de Codar.
- **WebTech Badge** – Level 2 Member.
- **Hackathon 2023** – Alfa Engenharia e Montagens Industriais.
- **Concepts and Fundamentals**: Algorithms, Object-Oriented Programming with Swift, JavaScript, and RESTful APIs – Instituto de Pesquisas ELDORADO.

HARD SKILLS

- **Languages**: JavaScript, TypeScript, SQL, HTML, CSS, C.
- **Front-end**: React, Next.js, TailwindCSS, React Query, Zustand.
- **Tools**: Git, GitHub, Figma, Postman.
- **Practices**: Software Architecture, Design Patterns, Clean Code.

SOFT SKILLS

- Clear and didactic communication.
- Technical project planning and leadership.
- Complex problem-solving.
- Technical documentation writing.
- Advanced English (reading, writing, and speaking).