Pedro Novo

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WORK EXPERIENCE

- **OMEGA Systems** Porto, Portugal
  Fullstack Developer *January 2024 – Present*
  - Developed mission-critical features using **Next.js**, advocating for an innovative approach that was adopted as the new standard within the team.
  - Orchestrated comprehensive training sessions on the latest iteration of **Next.js** (v14 - App Router), guiding the team through the migration process and ensuring seamless adoption of cutting-edge technology.
  - Re-engineered core application components with a strong focus on UI/UX best practices, resulting in a significantly improved user experience. Documented these best practices to facilitate knowledge sharing and ensure consistent design implementation across the team.
  - Pioneered a feature development convention that standardized development processes, resulting in a cleaner codebase and faster feature delivery. This initiative streamlined collaboration and fostered a culture of continuous improvement within the team.
  - **Technologies used**: Next.js, TypeScript, React Query, Zod, Java

- **Critical TechWorks - BMW Group** Porto, Portugal
  Fullstack Developer *June 2022 – January 2024*
  - Played a pivotal role in enhancing a **React** building management application by conceptualizing vital features that improved employee workspace and parking reservations, while supplying stakeholders with real-time office capacity and parking availability insights, enabling the company to make data-driven decisions on seat availability and optimize space utilization.
  - Led the development and successful implementation of a robust backoffice system. This system empowers stakeholders to efficiently initiate and oversee a wide range of building management actions, ultimately augmenting overall operational effectiveness.
  - Identified refactoring opportunities within our **React** application (e.g. improve data fetching with **React Query** and restructuring the directories for improved organization). Aligned everyone on the proposed changes and executed it. These patterns have been acknowledged as best practices within the team, leading to a substantial improvement in the developer experience.
  - Trained and assisted a newly-formed team in **React**, enhancing their proficiency and enabling swift contributions to development efforts.
  - **Technologies used**: React, React Query, Redux, TypeScript, Jest, React Testing Library, Angular, Java, Quarkus, PostgreSQL, Airflow, Python, C#.NET

PROGRAMMING SKILLS

- **Languages**: TypeScript, JavaScript, Java, Rust, Python, SQL, HTML, CSS, C, C#.NET
- **Web Technologies and Frameworks**: React.js, Next.js, Server Actions, RSC, React Query, Redux, Zustand, Tailwind, Node.js, Express.js
- **Databases**: MySQL, PostgreSQL, MongoDB
- **OS, Version Control and Deployment**: Linux, MacOS, Windows, Git, Docker, Kubernetes, Jenkins

PROFILE

A self-taught and driven developer with an insatiable curiosity for learning and a passion for crafting efficient solutions. Deeply intrigued by architectural principles, design patterns, and industry best practices. My coding philosophy centers around clarity, and I take pride in creating code that not only functions flawlessly but is also easily understandable by fellow developers.

Committed to engaging in oriented learning during the early hours of the day and constantly seizing learning opportunities throughout the workday, embracing a mindset of continuous growth. I delved into the journey of self-education, and in doing so, discovered both the challenges and the personal growth it brings. My emotional resilience and empathy have been strengthened through this process, allowing me to become attuned to the struggles and emotions of others. As an effective communicator, I'm devoted to mutual growth, always valuing the symbiotic nature of shared learning and always eager to contribute and innovate in a dynamic team setting.