

Diego Nobre Carmona

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Summary

Fullstack Developer experienced in building modern web applications with React, Next.js, and TypeScript. Worked on production-ready systems involving authentication, databases, APIs, and AI integrations. Strong problem-solving skills, technical support background, and fluent English.

Projects

CineAI - AI-Powered Movie Discovery Platform

[Github](#) | [Website](#)

Next.js, React, TypeScript, Tailwind, Prisma, PostgreSQL, Auth.js, APIs, AI

- Designed and implemented an AI-driven recommendation system based on user preferences and mood, integrating LLMs (Groq/LLaMA) and the TMDB API.
- Implemented secure authentication using Google OAuth (Auth.js) and data persistence with PostgreSQL.
- Built a complete favorites and watchlist flow with real-time updates and cross-device consistency.
- Architected an application using Next.js App Router and serverless APIs, focusing on performance and scalability.

Pitada - Smart Recipe Generator App

[Github](#) | [Website](#)

Next.js, React, TypeScript, Tailwind, AI, PWA

- Developed a web application that generates recipes using AI based on ingredients provided by the user.
- Configured the application as a PWA, focusing on performance, UX, and mobile experience.
- Applied accessibility best practices, including ARIA attributes, keyboard navigation, and semantic HTML.

Experience

Technical Support Intern

Jan 2019 - Oct 2023

Department of Distance Education (SEAD) - UFRGS

- Owned the frontline IT support for SEAD, maintaining labs, auditoriums, and administrative environments, ensuring technical reliability for classes, events, and daily operations.
- Implemented and documented support processes, including Active Directory user management, and trained a new intern, improving continuity and consistency of technical support.

Web Developer (Undergraduate Research)

Apr 2017 - Dec 2018

TECMIDES Research Project - UFRGS

- Developed a Moodle plugin with a data visualization dashboard to analyze student engagement and identify disengagement risks, enabling early pedagogical intervention.
- Built the web application using HTML, CSS, JavaScript, PHP, MySQL, and Chart.js, and co-authored a research [paper published](#) and presented at CBIE 2018 in Brasília, Brazil.

Education

BSc in **Computer Science** - Federal University of Rio Grande do Sul (UFRGS), 2019 – Present

BSc in **Systems Analysis and Development** - UNIASSELVI, 2024 – Present

Intermediate React v6 - Frontend Masters, 2025.

English Course - CCAA | Post-Advanced Level, 2015.

Skills

Technical: React - Next.js - TypeScript - JavaScript - Tailwind CSS - Git - GitHub - Figma - Node.js - PostgreSQL - Auth.js

Soft Skills: Teamwork - Problem Solving - Communication - Adaptability - Critical Thinking - Troubleshooting

Languages

Portuguese - Native

English - Fluent