

DIEGO NOBRE CARMONA

[LinkedIn](#) | [+55 \(51\) 99463-8306](#) | [carmona.vercel.app](#) | [diegoncarmona@gmail.com](#) | [GitHub](#)

Summary

Full Stack Developer specialized in **React, Next.js, and TypeScript**, with hands-on experience building **production-ready web applications** with authentication, databases, and API integrations. Strong focus on **performance, accessibility, and user experience**, using modern frontend architecture and best practices.

Skills

- **Frontend:** TypeScript | React | Next.js | JavaScript (ES6+) | Tailwind CSS | HTML5 | CSS3
- **Backend:** Node.js | REST APIs | Prisma | PostgreSQL | Auth.js
- **Tools & Practices:** Git | GitHub | ESLint | Figma | Accessibility (ARIA) | Performance Optimization
- **Others:** AI integrations (LLMs) | PWA | Responsive Design

Projects

CineAI - AI-Powered Movie Discovery Platform:

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

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

- Designed and implemented an **AI-based movie recommendation system**, integrating LLMs (Groq/LLaMA) and the TMDB API to deliver personalized suggestions based on user preferences and mood.
- Built a **secure authentication flow** using OAuth (Auth.js), with persistent user data stored in PostgreSQL via Prisma.
- Developed a complete favorites and watchlist system, ensuring real-time updates and **cross-device data consistency**.
- Architected the application using **Next.js App Router** and serverless APIs, with emphasis on scalability, clean architecture, and performance.

Pitada - Smart Recipe Generator App:

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

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

- Built a web application that generates **personalized recipes using AI**, based on ingredients provided by the user.
- Implemented the application as a **Progressive Web App (PWA)**, enabling mobile installation.
- Applied **accessibility best practices**, including semantic HTML, ARIA attributes, and full keyboard navigation.
- Optimized performance and UX with a **mobile-first approach**.

Experience

Technical Support & Maintenance Intern

01/2019 - 10/2023

Secretaria de Educação à Distância (SEAD)

Porto Alegre, Brazil

- Acted as first-line technical support for educational environments, ensuring availability of laboratories, auditoriums, and administrative systems.
- Implemented and documented support processes, including **user management with Active Directory**, improving operational consistency.
- Trained and onboarded new interns, contributing to knowledge sharing and service continuity.

Web Developer - Undergraduate Research Program

04/2017 - 12/2018

TECMIDES Project (UFRGS)

Porto Alegre, Brazil

- Developed a Moodle plugin with a **data visualization dashboard** to help identify student disengagement in distance learning courses.
- Implemented the system using **HTML, CSS, JavaScript, PHP, MySQL, and Chart.js**.
- Co-authored and presented a scientific [paper](#) at CBIE 2018 (Brasília, Brazil).

Education & Courses

Bachelor's Degree in **Computer Science**

01/2019 - Present

Federal University of Rio Grande do Sul (UFRGS)

Porto Alegre, Brazil

Bachelor's Degree in **Systems Analysis and Development**

08/2024 - Present

UNIASSELVI

Porto Alegre, Brazil

- **Intermediate React v6** - Frontend Masters, 2025.
- **English Course** - CCAA | Post-Advanced Level, 2015.

Languages

- **PORTUGUESE:** Native.
- **ENGLISH:** Fluent.