



SÉRGIO GONÇALVES

SOFTWARE ENGINEER

Software Engineering Master's student with experience in full-stack, mobile and game development. Recipient of an academic merit award and author of scientific papers on my VR simulator.

AWARDS

OERN Master's Award [🔗](#)

Order of Engineers, Northern Region

2026

EDUCATION

Master's in Software Engineering

Universidade Politécnica do Cávado e do Ave (IPCA)

2024 – 2026

Final project: VR Wheelchair Simulator, currently being tested in real rehabilitation settings.

Web Programming (300H)

Instituto do Emprego e Formação Profissional (IEFP)

2024

PROJECTS

Wheelchair Simulator

Wheelchair navigation training simulator, built with the Braga Cerebral Palsy Association.

Unity · C# · Virtual Reality

Presented at CIPA 2026 and SASYR 2026 · Article in RIAGE journal and short paper at SASYR.

[📺 Meta Store](#) [🎮 Play \(PC\)](#) [🔗 Code](#)

2026

Montenova

Selected for the European Innovation Academy, a 3-week intensive accelerator where international teams build a startup from scratch, with mentorship from industry professionals. As team CTO, I led product development: a SaaS platform for family screen-time management, where AI selects YouTube videos based on preferences and generates activities and breaks between them.

Next.js · TypeScript · Supabase · Claude API · Vercel

[🌐 Live site](#) [🔗 Code](#)

2026

TeamUP

Full-stack web and mobile application built on a microservices architecture.

Laravel · Docker · Kubernetes · RabbitMQ · React · Kotlin [🔗 Code](#)

2025

Tournament Manager

Single-elimination tournaments, on built-in themes or images you upload yourself.

PHP · MySQL · JavaScript · Bootstrap [🌐 Live site](#) [🔗 Code](#)

2024

EXPERIENCE

Restaurant Manager

Il Fiume

Team coordination and inventory management, focused on operational problem-solving and conflict management.

2020 – 2023

Internship (6 Months)

Eleven Systems Lda.

Development of web solutions and integration with the Google Maps API.

2019

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📍 Braga, Portugal

SKILLS

Languages

C# · JavaScript · TypeScript
Java · Python · PHP · Kotlin
SQL

Frameworks

Laravel · React · Next.js
Unity · Virtual Reality
Jetpack Compose · Bootstrap

Architecture & APIs

REST APIs · Microservices
Third-party API integration
RabbitMQ

Infrastructure & Data

Docker · Kubernetes · Vercel
PostgreSQL · MySQL · NoSQL
Supabase · Git · Linux

AI-Assisted Development

Claude Code · Claude API

LANGUAGES

Portuguese	Native
English	Fluent
Spanish	Basic

ACTIVITIES

Capoeira 2011–2020

Sports / Community

Nine years of practice. Discipline, consistency, and a strong sense of community.