

Rodrigo Dias

Software Engineer & Computer Engineering Student

Porto, Portugal | me@rgo.pt | [GitHub](#) | [LinkedIn](#) | [rgo.pt](#)

EDUCATION

Faculty of Engineering, University of Porto (FEUP) Sep 2024–Present
BSc in Informatics and Computing Engineering Porto, Portugal

- Coursework: Algorithms & Data Structures, Operating Systems, Databases, Computer Architecture
- Academic Tutor at Consultório FEUP; produce Portuguese CS/math educational videos for FEUP peers

Colégio de Gaia Sep 2021–Jul 2024
Technical High School Track in IT and Multimedia Technologies Vila Nova de Gaia, Portugal

- Final grade: 19.9/20, top of class

HONORS & AWARDS

- **1st place out of 360 teams, TECLA 2024 – Aveiro Multilanguage Computing Student Tournament**
- **2nd place, TECLA 2023 – Aveiro Multilanguage Computing Student Tournament**
- **EF SET (Standard English Test): C2 Proficient, 78/100**

SELECTED EXPERIENCE & LEADERSHIP

AI Department Lead Sep 2025–Present
ACM FEUP Student Chapter Porto, Portugal

- Lead a 10+ member team building AI projects and technical workshops; manage infrastructure and roadmap

Full-stack Software Engineer Aug 2023–Aug 2025
NECHO TECHLAW (Cybersecure.pt) Remote

- Built core features for Cybersecure.pt, a cybersecurity SaaS for Portuguese SMEs: real-time dashboards, assessment workflows, PDF reports, email delivery, RBAC, MFA/WebAuthn, and multi-tenant access control
- Implemented authentication, payments, file storage, real-time updates, and admin workflows with Next.js, TypeScript, DrizzleORM, MariaDB, Express.js, Socket.io, Stripe, and AWS S3

Solo Founder & Software Engineer Feb 2025–Feb 2026
Uni's Easy Remote

- Solo-built an AI-powered study platform from product design to production infrastructure
- Implemented course workspaces, materials, notes, AI+RAG chat, exercise solutions, billing, and usage limits
- Grew @studywithrocco organically on TikTok to 1,000 followers and 500,000 views through study-tip content

Freelance Software & Infrastructure Engineer Mar 2024–Present
Dias Solutions Remote

- Build client web apps and infrastructure: Linux servers, CI/CD, Docker, Cloudflare, backups, and disaster-recovery flows

SELECTED PROJECTS

OpenPost ([op.rgo.pt](#)) Mar 2025–Present

- Built a self-hosted social media scheduler as a single Go binary with embedded SvelteKit UI and SQLite storage
- Used agentic coding to ship five-platform publishing, media management, job queues, and multi-tenant RBAC

Trabalho por Turnos ([url.rgo.pt/turnos](#)) Mar 2025–Present

- Published an offline-first Android app for Portuguese shift workers, reaching 100+ downloads, with scheduling, overtime/night-shift pay logic, municipal holidays, and monthly reports

The Actual World ([github.com/the-actual-world](#)) Aug 2022–Jul 2024

- Built a high-school capstone with Expo/React Native, private posts, maps, real-time chat, Stripe credits, push notifications, and PHP/MySQL admin tooling

STEM Educational YouTube Channel ([url.rgo.pt/youtube](#)) Jan 2025–Present

- Published 15+ Portuguese CS/math explainers for FEUP peers, reaching 8,000+ views across 10+ hours of content

SKILLS

- **Languages:** TypeScript, Python, SQL, Go, C/C++, Java, PHP, Bash
- **Product/Frontend:** SvelteKit, Next.js, React, React Native, Astro, Tailwind CSS
- **Backend/Infra:** Linux, NixOS, Docker/Podman, Cloudflare, PostgreSQL, SQLite, CI/CD