

Carlos Barbosa

Porto, Portugal

socarlosb@gmail.com | github.com/socarlosb | linkedin.com/in/socarlosb

Profile

Software Engineer with nearly a decade of experience building web apps, from offline-first tools to e-commerce platforms. Passionate about clean UI/UX, functional programming, and improving developer workflows. Strong advocate for open-source and automation.

Experience

01/2022 - Present | Porto / Remote

Software Engineer – InnovationCast

- Helped design and build a new front-end architecture for a SaaS platform supporting innovation and idea management
- Developed features across legacy and modern UI versions using C#, KnockoutJS, React, TypeScript, and TailwindCSS
- Collaborated with design and backend teams to improve UX and ensure code quality
- Key tech: React, TypeScript, TailwindCSS, KnockoutJS, C#

11/2016–01/2022 | Porto

Digital Consultant – Inova+

- Built full-stack web applications using Node.js and React
- Designed wireframes and implemented CMS and e-commerce sites in WordPress
- Set up CI/CD pipelines and provided training for internal teams
- Key tech: React, Typescript, TailwindCSS, CSS, NodeJS, MongoDB, Docker, Gitlab CI/CD

2016 | Maia

Web developer intern – CloudWorks

- Edited and developed web pages with CMS WordPress
- Created an MVP of a simple chat app using SignalR

2015–2016 | Porto

Educational helper – Obra ABC (IPSS)

- Supported children deprived of adequate family means, taught social skills and basic IT awareness

2012–Present

Freelance IT Support / Developer – Self-employed

- Providing IT support and development for CMS, small apps, newsletters, and graphic assets

2008–2012 | Porto

IT support – Fase Estudos e Projetos, SA

- Software support, management, and parameterization of an ECM solution from implementation to full usage

2002–2008 | Porto

CAD designer – Fase Estudos e Projetos, SA

- Technical design for Electrical and Security CCTV plans
- Created an in-house dynamics block library (w/ lisp)
- Recreated a project backup database and automated repetitive tasks with scripts

Education

2015 | Porto

Web programmer – Universidade Portucalense Infante D. Henrique (UP)

- Practiced algorithms and built Windows applications (e.g., Q&A game, expense calculator)

2014 | Porto

Intensive Management Program – Católica Porto Business School

- Training, creation, and group pitching of a full business model

2013 | Porto

“Unity 3D” Basics – Cesae

- Creation of a small “space shooter” desktop game from concept, gathering assets to full deployment

2005–2009 | Porto

Multimedia engineering degree – Instituto Superior de Tecnologias Avançadas (ISTEC)

- Learned how to develop web applications, e-learning models, graphic content, and animations

Professional development

2024 | Porto

IT Technician Training for Electoral Systems – IEFPP

- Trained to support the digital infrastructure during the 2024 EU elections (first with dematerialized rolls)

2021 | Online

Just JavaScript – Dan Abramov

- Deep dive into JS fundamentals to strengthen mental models for modern front-end development.