David José Alberto Carmo

Full-Stack Developer

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[Personal Portfolio](#) | Guarda, PT | (+351) 961752990

Results-driven with 1.5 years of full-stack development experience and proven track record of optimizing enterprise CRM platforms. Delivered measurable improvements in system performance and user experience through database optimization, feature development, and technical problem-solving. Strong collaborative skills.

Work Experience

SOFTWARE DEVELOPER   Jan 2025 - Jul 2025

REDOCEAN - SOFTWARE THINKING & DIGITAL MARKETING | Aveiro, PORTUGAL

- Optimized CRM platform performance by 30% through database query restructuring and code refactoring;
- Delivered 10+ new user-requested features enhancing client satisfaction and platform usability;
- Maintained 98% system uptime by proactively identifying and resolving technical issues;
- Provided technical support to 15+ clients, reducing average response time by 40%;
- Collaborated with product team to redesign core modules based on user feedback and analytics.

HTML, CSS, Javascript, PHP, SQL

SOFTWARE DEVELOPER   Jul 2023 - Jul 2024

REDOCEAN - SOFTWARE THINKING & DIGITAL MARKETING | Covilhã, Portugal

- Led full-stack development of enterprise CRM application serving 100+ users;
- Implemented database optimization strategies reducing query execution time by 20%;
- Developed responsive web interfaces using modern JavaScript frameworks;
- Mentored junior developers on best practices and code review processes.

HTML, CSS, Javascript, PHP, SQL

INTERN   Apr 2018 - Jul 2018

DOM DIGITAL | GUARDA, PORTUGAL

- Modernized legacy web platforms for 3 clients using HTML, CSS, and JavaScript;
- Completed Salesforce certification courses and built custom real estate platform using Apex.

Projects

Web Platform for Athlete Physical Tracking   Present

Completed a final project for the course "Project," aimed at developing a fully functional web platform on the theme of sports. The project, titled Web Platform for Athlete Physical Tracking, received a final grade of 17/20.

- Developed full-featured sports analytics platform using self-taught technology stack;
- Integrated real-time data visualization and user management systems;

Personal Portfolio Website   Present

- Built responsive portfolio site using React.js, Vite, and Tailwind CSS;
- Deployed on Vercel;
- Implemented modern UI/UX patterns with mobile-first responsive design;
- Achieved 97+ Lighthouse performance score;

Core Skills

Front-End
- HTML, CSS, Javascript;
- React.js;
- Tailwind CSS;
- MUI,

Back-End
- Node.js;
- Python;
- PHP, Django;
- Java;
- SQL;
- MongoDB;
- Firebase;
- REST APIs.

Development Tools
- Git;
- Postman;
- Trello;
- Vite;
- Vercel.

Education

Universidade da Beira Interior - UBI   Sep 2022 - Jul 2024
MASTER'S DEGREE Computer Science and Engineering
Grade: 16/20

Universidade da Beira Interior - UBI   Sep 2019 - Jul 2022
BACHELOR'S DEGREE Computer Science and Engineering
Grade: 13/20

Escola Profissional da Guarda - Ensiguarda   Sep 2015 - Jul 2018
CERTIFICATE IN COMPUTER EQUIPMENT MANAGEMENT TECHNICIAN
Grade: 17/20

Languages

PORTUGUÊS, ENGLISH (C1), SPANISH (A2)

Publications

[Improved Flaky Test Detection with Black-Box Approach and Test Smells](#)   Jan 2023
IEEE