

PEDRO BERNARDINO

Junior Developer ~ Engineer

📍 Coimbra, Portugal

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SUMMARY

Hello, I'm Pedro, a Civil Engineer transitioning into the tech industry and turning my passion for technology into a full-time career as Developer.

Self-motivated and adaptable, I've built a strong foundation in programming through self-learning and hands-on projects. My journey began with embedded systems using Arduino, then expanded into Python for data scraping and automation, Swift for iOS and macOS development, and server technologies like Proxmox and Docker for virtualization and containerization.

This diverse experience led me to pursue and earn the Oracle Certified Associate (OCA) Java SE certification, solidifying my skills in object-oriented programming and application development.

I'm now eager to contribute my problem-solving mindset and technical expertise to a dynamic team. With a passion for continuous learning, I'm ready to take on real-world challenges and prove my ability to deliver.

SKILLS

Languages: Java, Python, JavaScript, Bash/Shell scripting, HTML, C++

Technologies: Virtualization, Docker, Kubernetes.

PROJECTS

| | | |
|-----------------|---|---|
| React, CSS | Landing Page Portfolio | github.com/pedro-bernardino/Landing-Page-Portfolio |
| Kubernetes, k3s | Kubernetes High Availability k3s cluster | /Proxmox/Kubernetes-HA-k3s-cluster |
| Docker | Docker services | /Docker%20Compose |
| Python | Soccer Stats Web Crawler | /soccerStatsCrawler |
| C++, Arduino | Battery Solar charge-discharge Controller with arduino | /battery-solar-charge-discharge-controller |

EDUCATION

| | | |
|-------------|--|---|
| Mar – 2025 | Create a Front-End App with React Skill Path | Issued by Codecademy |
| Dec – 2024 | Learn React Course | Issued by Codecademy |
| Nov – 2024 | Oracle Certified Associate - Java SE 8 Programmer | Issued by Oracle |
| 2011 – 2013 | Master of Civil Engineering - Urban Construction | Instituto Superior de Engenharia de Coimbra |
| 2004 – 2010 | Bachelor of Civil Engineering | Instituto Superior de Engenharia de Coimbra |

EXPERIENCE

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|----------------|--|--------------------------------|
| 2025 – Present | Civil Engineer – Steel Structures Production Management, Construction Management, Tekla Structures Modeler, Autocad, Microsoft Office | ADF® - Antonino Dias Fernandes |
| 2024 – Present | Autocad Designer AutoCAD · Microsoft Office · Engineering | Freelance |
| 2018 – 2024 | Civil Engineering - Production and Construction Manager Construction Management · Production Management · AutoCAD · Microsoft Office · Engineering · Problem Solving | Portalva |
| 2016 – 2016 | Civil Engineering - Construction Manager Construction Management · AutoCAD · Microsoft Office · Engineering · Problem Solving | Recentescala |