

PEDRO FERREIRA

Software Engineer

in [linkedin.com/in/xqsme](https://www.linkedin.com/in/xqsme)  github.com/xqsme
☎ +351 913 200 881 @ pedro-ferreira92@hotmail.com
📍 Coimbra, Portugal 📅 03/11/1992

Full-Stack Software Engineer and DevOps Enthusiast
TypeScript Advocate Crafting Seamless Digital Experiences



COMPETENCIES

Programming TypeScript, Python, CSS, C++, C#, SQL, PHP, Neo4j/Cypher
Frameworks React, NestJS, Next.js, React Native, Vue, Svelte, Qt, Pandas, Keras
Technologies Linux, Docker, AWS, GraphQL, Kafka, Azure, Nginx, CI/CD, SAST

PROFESSIONAL EXPERIENCE

Present November 2023	Software Engineer Full-Stack Development, LYFEGEN, Basel, Remote Contribution with decisive improvements to code quality and functionality for the Agreement and Rebate Analytics platform. Exceeded expectations in the speed of adaptation to the complexity of existing code systems. <div>React GraphQL C# Azure PostgreSQL Neo4j Kafka Docker</div>
October 2023 May 2020	Software Engineer Full-Stack Development, FLOMICS, Barcelona, Remote Spearheaded the architectural design, development, and seamless maintenance of an innovative bioinformatics cloud platform. Instrumental in the creation of Flomics Stratus, a pioneering platform facilitating RNA sequencing sample submissions and generating comprehensive analysis reports. <div>NestJS Next.js AWS Prisma Playwright Jest Nextflow Docker Github Actions</div>
Dec 2022 May 2022	Software Engineer Full-Stack Development, COSUNO, Berlin, Remote Empowered the construction industry through the design and implementation of a dynamic cloud-based solution. Pioneered transformative "Assemble Verification Analysis" functionalities, propelling efficiency and accuracy in construction projects. <div>React GraphQL Cypress Prisma Docker Datadog Mixpanel</div>
April 2022 August 2021	Software Engineer Full-Stack Development, DUNELM, London, Remote Orchestrated the strategic automation of customer retention processes, driving client satisfaction and retention. <div>React AWS CDK Jest GitLab Docker Datadog Prismic Salesforce Google Analytics</div>
August 2021 September 2019	Software Engineer Full-Stack Development, VOID SOFTWARE, Leiria, Portugal Showcased versatility and expertise through comprehensive full-stack software development. Led the creation of diverse solutions for both in-house initiatives and client projects. <div>React Quarkus Redux Jest SCSS Jenkins SonarQube</div>
May 2019 October 2018	Research Scholar Full-Stack Development, INSTITUTO POLITÉCNICO DE LEIRIA, Leiria, Portugal Collaborated extensively in the "Care4Value" research project, resulting in the successful development of a collaborative digital platform. <div>React Native Laravel</div>

EDUCATION

2018 - 2020 Masters, Cybersecurity and Digital Forensics, Instituto Politécnico de Leiria
2015 - 2018 Bachelor, Computer Science, Instituto Politécnico de Leiria

PUBLICATIONS

ICEA 2019 Solving the Regenerator Location Problem using Swarm Intelligence Algorithms
ENBENG 2019 Care4Value: A Clinical Instrument Data Collection Platform for Long-Term Healthcare Units