

PEDRO FERREIRA
Software Engineer

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Full-Stack Software Engineer and DevOps enthusiast
Proudly creating reliable, scalable and maintainable systems



COMPETENCIES

Programming TypeScript, Python, Go, C#, C++, SQL, CSS, Cypher
Frameworks React, NestJS, Next.js, AWS CDK, Wails, .NET, React Native, Svelte, Qt, Pandas
Technologies Linux, Docker, AWS, Microservices, Kafka, Kubernetes, Azure, GraphQL, CI/CD

PROFESSIONAL EXPERIENCE

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| June 2024 November 2023 Remote Full-Time | Senior Software Engineer Full-Stack Development, LYFEGEN, Basel, Switzerland Contribution with decisive improvements to code quality and functionality for the main company product. Strong involvement in the architecture and transition to a microservices paradigm. C# Microservices Kafka Azure React GraphQL PostgreSQL Neo4j Docker |
| October 2023 May 2020 Remote Part-Time | Senior Software Engineer Full-Stack Development, FLOMICS, Barcelona, Spain Instrumental in the architectural design, development, automation, enhancement and maintenance of an innovative bioinformatics cloud platform, facilitating RNA sequencing analysis and reporting. NestJS Next.js AWS Prisma Playwright Jest Docker Github Actions |
| Dec 2022 May 2022 Remote Full-Time | Software Engineer Full-Stack Development, COSUNO, Berlin, Germany Empowered the construction industry through the design and implementation of a cloud-based solution. Development of planning functionalities, enhancing efficiency and accuracy in construction projects. React GraphQL Cypress Prisma Docker Datadog Mixpanel |
| April 2022 August 2021 Remote Full-Time | Software Engineer Full-Stack Development, DUNELM, London, United Kingdom Devised strategic automation of customer success analytics processes, driving sales, client satisfaction and retention. React AWS CDK Microservices Jest GitLab Docker Datadog Prismic Salesforce Google Analytics |
| August 2021 September 2019 Hybrid Full-Time | 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. React Quarkus Redux Jest SCSS Jenkins SonarQube |
| March 2019 October 2018 Hybrid Full-Time | Scientific Researcher Full-Stack Development, POLYTECHNIC OF LEIRIA, Leiria, Portugal Collaborated in the "Care4Value" research project, resulting in a collaborative digital platform. Coordinated the creation of both a mobile application and a web platform for collection of clinical data. React Native Laravel SQLite MySQL |

EDUCATION

2018 - 2020 Masters, Cybersecurity and Digital Forensics, Polytechnic of Leiria, Portugal
2015 - 2018 Bachelor, Computer Science, Polytechnic of Leiria, Portugal

+ 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