

PEDRO FERREIRA

Software Engineer

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📍 Coimbra, Portugal 📅 03/11/1992



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, .NET, AWS CDK, Next.js, React Native, Svelte, Qt, Pandas
Technologies Linux, Docker, AWS, Microservices, Kafka, Kubernetes, Azure, GraphQL, CI/CD

PROFESSIONAL EXPERIENCE

Present 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. Distinguished by taking all steps necessary to achieve excellence even when not expected. <div>C# Microservices Kafka Azure React GraphQL PostgreSQL Neo4j Docker</div>
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. <div>NestJS Next.js AWS Prisma Playwright Jest Docker Github Actions</div>
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. <div>React GraphQL Cypress Prisma Docker Datadog Mixpanel</div>
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. <div>React AWS CDK Microservices Jest GitLab Docker Datadog Prismic Salesforce Google Analytics</div>
August 2021 October 2018 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. <div>React Quarkus Redux Jest SCSS Jenkins SonarQube</div>

EDUCATION

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

LANGUAGES

English ● ● ● ● ●
Portuguese ● ● ● ● ●
Spanish ● ● ● ○ ○

INTERESTS

> Self-hosted Open Source Software
> Tennis
> Cinema
> Yoga
> Reading