Pedro Ferreira

Software Engineer

♥ Coimbra, Portugal i 03/11/1992

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





ABOUT ME

Passionate about science and technology, I find each day at work an exciting puzzle to solve.

My hobbies include spending time with family and friends, watching films, music, reading, cooking, gardening, meditating and managing my self-hosted media server.

I am pursuing a career path in distributed systems' software architecture.



COMPETENCIES

Programming

TypeScript, Python, Go, C#, C++, SQL, CSS

Frameworks

Soft skills

React, NestJS, Next.js, AWS CDK, Azure Functions, Wails, .NET, Svelte, Qt, Pandas

Technologies

Linux, Docker, AWS, Microservices, Kafka, Redis, Kubernetes, Azure, CDN, CMS, CI/CD, SAST

Communication, Fast learner, Thorough, Empathic, Driven, Autonomous, Generous



PROFESSIONAL EXPERIENCE

December 2024 May 2020

Senior Software Engineer - Flomics, Barcelona, Spain (Remote)

- Designed and maintained in-house software solutions, including:
 - Flomics Stratus: a bioinformatics cloud platform for data processing and analysis.
 - Flomics LIMS: a Laboratory Information Management System to streamline lab operations.
- Established pipelines and procedures to enhance software development efficiency.
- Managed and optimized cloud infrastructure to ensure scalability and reliability.

Typescript Python NestJS Next.js AWS Redis Playwright Github Actions Asana

June 2024 November 2023

Senior Software Engineer - Lyfegen, Basel, Switzerland (Remote)

• Enhanced code quality and functionality of Lyfegen's main product.

• Played a key role in transitioning to a microservices architecture.

• Actively contributed to the design and development of scalable solutions.

Typescript C# React Azure Functions Kafka Azure PostgreSQL Neo4j Azure DevOps

Dec 2022

May 2022

Software Engineer - Cosuno, Berlin, Germany (Remote)

- Designed and implemented a cloud-based solution for the construction industry.
- Developed planning functionalities to improve efficiency and accuracy in projects.
- Ensured seamless integration of new features using modern web technologies.

Typescript React NodeJS GraphQL Cypress Prisma Docker Notion Jira

April 2022 August 2021

Software Engineer - Dunelm, London, United Kingdom (Remote)

- Automated customer success analytics processes to boost sales and retention.
- Streamlined workflows by developing and deploying strategic solutions.
- Collaborated with cross-functional teams to ensure seamless project delivery. Typescript React AWS CDK Microservices GitLab Datadog Prismic Jira

August 2021 September 2019 Software Engineer - Void Software, Leiria, Portugal (Hybrid)

- Delivered full-stack solutions for diverse in-house and client projects.
- Led the development of scalable and maintainable software architectures.
- Demonstrated expertise in frontend and backend technologies for seamless integration. Typescript Java React Quarkus Redux Jest SCSS Jenkins SonarQube Jira

March 2019 October 2018 Scientific Researcher - Polytechnic of Leiria, Leiria, Portugal (Hybrid)

- Collaborated on the "Care4Value" project to create a digital healthcare platform.
- Developed a mobile application and web platform for clinical data collection.
- Ensured project deliverables aligned with research goals and user requirements.

Javascript PHP React Native Laravel SQLite MySQL Trello



EDUCATION

2018 - 2020 Masters, Cybersecurity and Digital Forensics, Polytechnic of Leiria, Portugal

2015 - 2018 Bachelor, Computer Science, Polytechnic of Leiria, Portugal