

JORGE ANDRÉ

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EXPERIENCE

Student Software Engineer / Junu.io / Oct 2021 – Aug 2023

- Took part of the SaaS MVC web application rewriting in C#/.NET, restructuring the previous code into a Clean Architecture and preparing the infrastructure to be microservices-ready.
- Implemented and managed multiple Microsoft Azure Cloud services, making use of API Management, App Services, SQL Server, as well as serverless Azure Functions and Logic Apps.
- Designed and developed REST APIs for main app functionalities as well as monitoring systems, and developed client-facing features like the integration of TimeLog and PowerBI Embedded Reports in the app.

Junior Software Engineer / Farfetch / Oct 2020 – Aug 2021

- Developed new and maintained existing features to bring technology into and create the Fashion Retail Stores of the Future, using C# and ASP.NET on a microservices-based backend system, following Domain Driven Design patterns, Command-Query-Separation, and SDK development of multiple services, also using CassandraDB as storage solution, Kafka message-brokers and exposing features with REST APIs.
- Integrated a third-party software solution with smart-tags for space and product management, and implemented a feature allowing Sales Assistants to seamlessly transition between in-store and online user profiles for recommendations and products suggestions, increasing sales volume by over 150% during Covid-19 isolation period.
- Contributed to rising the system's test coverage to over 95% using xUnit framework for unit testing, and took part in several code-quality processes like code-reviews, bugfixes, and technical debt initiatives.

Student Software Developer / Premium Minds / Aug 2019 – Nov 2019

- Maintained and developed new features on a microservices-based enterprise web application in a cross-functional and Agile-based team, with a TDD approach and Hexagonal architecture, using Java and MySQL.
- Automated and optimized existing process flows in the client's energy audit department, delivering a significant improvement in efficiency and user satisfaction in comparison to the previous system.

PROJECTS AND OTHER EXPERIENCE

TechLabs Web Development Mentor / Mar. 2024 – Jun. 2024 | JavaScript, TypeScript, Node.js, MongoDB

- Volunteered as a Mentor for the Web Development track of the Digital Shaper Program hosted by TechLabs Copenhagen, leveraging my knowledge and experience to support and guide the students in the online learning and project development phases.
- Helped students with inter-track and cross-functional collaboration, advised about feasibility and planning of the project phase, and clarified any questions during the whole program giving real-world parallels and examples whenever appropriate.

Bus Arrival Notification Device / Feb. 2024 | C#/.NET, Python, Kafka, Docker, LiteDB, RaspberryPi

- Developed a .NET console application that queries Rejseplanen API for real-time bus departures, manages and filters responses according to users settings and sends notifications to a Kafka broker running in Docker.
- Used a RaspberryPi running a Python script to periodically poll the Kafka broker and send a visual alert.

EDUCATION

MSc. Computer Science, University of Copenhagen

Expected 2026 (part-time)

BSc. Computer Science, University of Lisbon

2021

TECHNICAL SKILLS

Languages: C#/.NET, Java, Python, JavaScript, Redis, SQL (Server, Postgres, MySQL), NoSQL (Cassandra, MongoDB, LiteDB), HTML/CSS

Frameworks: ASP.NET, Node.js, Flask, PyGame, React, Next.js, MVC-MVVM, Clean Architecture, Micro-Services, Event-Driven Architecture, Domain-Driven Design

Developer Tools: Git, Docker, Kafka, RabbitMQ, Microsoft Azure Cloud, Postman, Grafana, VS Code, Visual Studio