

JORGE ANDRÉ

+45 91 85 36 99 | jorge.matosandre@gmail.com | jorgeandre.com

SOFTWARE ENGINEER FOCUSED ON SCALABLE AND FUTURE-PROOF SYSTEMS

I'm a Software Engineer passionate about finding ways to improve life with the aid of technology. I have experience mostly with backend distributed systems and am currently improving my skillset to switch to the full-stack. I'm fascinated about the inner concepts of Software, and this has proved useful when picking up new technologies, being able to transfer previous knowledge and quickly getting up to speed with other developers.

EXPERIENCE

Associate Software Developer

Oct. 2021 – Aug. 2023

Junu.io

Copenhagen, Denmark

- 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

Oct. 2020 - Aug. 2021

Farfetch

Lisbon, Portugal

- Joined and completed the internship program, being offered a permanent position as Junior Software Engineer.
- Developed new features in C# and ASP.NET on multiple microservices implementing Domain-Driven Design, for both internal and external clients.
- Implemented new microservices from the ground up and contributed to the system's transition to an Event-Driven Architecture using REST APIs and Kafka message-brokers.
- 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 Engineer

Aug. 2019 – Nov. 2019

Premium Minds

Lisbon, Portugal

- Maintained and developed new features on a microservices-based enterprise web application in Java.
- 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

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

July 2023 – Present

- 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.

Url Shortener | JavaScript, Node.js, Redis

Oct. 2019

- Developed a REST API using Node.js and Express.js that translates regular URLs into shortened links
- Used Redis to store and retrieve LongURL:ShortURL pairs

EDUCATION

University of Copenhagen

Copenhagen, Denmark

Master of Science in Computer Science

Sep. 2021 – Nov. 2023

- Completed three semesters, currently on hold for the foreseeable future
- Explored new opportunities and gained experience in existing as well as new areas of interest, most notably with courses in Software Engineering and Architecture, Mobile Computing, and research projects on Queer Communities Online, and Ethical Challenges in the Planning and Development of a Startup.

University of Lisbon

Lisbon, Portugal

Bachelor of Science in Computer Science

Aug. 2016 – Apr. 2021

TECHNICAL SKILLS

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

Frameworks: ASP.NET, Node.js, 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