JOAO MERCIER

Software Engineer | Full-Stack Developer | Sustainability Consultant

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📍 **Lima, Peru**

SUMMARY

Passionate software engineer with over three years of experience in backend development, Node.js, cloud infrastructure, and microservices architecture. Proven expertise in leveraging AWS technologies and low-code platforms to deliver scalable, efficient solutions. Adept at aligning technical execution with business objectives, with a keen interest in Sustainability.
Fluent in Portuguese, English, and Spanish.

EXPERIENCE

Software Engineer

Lynxai

📅 10/2022 - 02/2024   📍 Lisboa, Portugal

- As a key member of the technical team at Lynxai, I played a crucial role in building and managing the backend infrastructure of our platform. Lynxai is a data-driven platform focused on optimizing ESG sustainable investments.
- Worked with AWS services such as Lambda, EC2, RDS, DynamoDB, CodeCommit, CodeDeploy, and CloudWatch for various infrastructure and monitoring functions.
- Engineered scalable and maintainable APIs using Node.js and Python, significantly improving data processing speed and system reliability.
- Managed databases with AWS RDS with MySQL and DynamoDB, scaling and operating both relational and non-relational databases.
- Participated in product conceptualization, visualizing use cases and applying design patterns to align business requirements with technical specifications.

Software Developer

InnoWave

📅 10/2020 - 10/2022   📍 Lisboa, Portugal

- Worked closely with a U.S. telecommunications client in an agile setting, using JIRA to manage projects, which helped us deliver multiple software versions on schedule.
- Utilized the Appian low-code platform to automate workflows and improve operational efficiency, earning certifications in Appian development.
- Developed APIs and microservices using Node.js, enhancing system responsiveness and enabling smoother integration between services.
- Implemented a microservices architecture on cloud provider AWS, leveraging serverless functions like Lambda and API Gateway. This approach enhanced scalability and reduced operational costs.
- Developed and maintained .NET applications using the MVC framework within a serverless environment, ensuring optimal performance and reliability.

EDUCATION

Bachelor of Computer Science and Business Management

ISCTE - Instituto Universitário de Lisboa

📅 09/2016 - 07/2020   📍 Lisboa, Portugal

Erasmus+ in Computer Engineering

Tallinn University of Technology

📅 01/2019 - 07/2019   📍 Tallinn, Estonia

VOLUNTEERING

Assistant Teacher

Associação Filhos do Céu   **Bahia, Brasil**

📅 02/2024 - 05/2024

I supported children's development through academic assistance and creative activities

PROJECTS

Circular Economy Recycling Software

Developed a mobile app and a web app, with its own strutured business plan in partnership with a portuguese recycling company to improve circular economy in the recycling industry

Corporate Website Building

Developed two websites with React.js and Express.js hosted in Firebase for a music teaching school

SKILLS

Node.js	Python	.NET	Typescript
Microservices	AWS	Postman	
Appian	Jenkins	JIRA	React.js
Management	Git	SQL	

COURSES

AWS Certified Developer - Associate

AWS Certification for developing, deploying, and troubleshooting AWS-based applications with on core development tools and best practices.

Practical Python Programming

Rumos certified comprehensive course on writing efficient, real-world Python applications.

Certified Appian Developer

Certification in designing and implementing solutions using the Appian low-code automation platform.

KEY ACHIEVEMENTS

🏆 **Technical Excellence**
Enhanced system performance and reliability by developing optimized backend systems using Node.js, Python and C#.

💡 **Sustainability Impact**
Led the creation of a recycling app, advancing circular economy initiatives for a Portuguese company.

🚩 **Scalable Solutions**
Designed serverless architecture on AWS, boosting scalability and cutting operational costs.

❤️ **Team Collaboration**
Delivered multiple software versions on time for a U.S. telecom client through effective teamwork in an agile environment