BRUNO MOUAZZEM

SOFTWARE ENGINEER

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STACK & SKILLS

Programming Languages

- Python
- JavaScript
- Shell Script

Frameworks & Libraries

- FastAPI / Django
- SQLAlchemy
- Pytest
- Docker
- Serverless Framework

Architecture & Design

- Domain-Driven Design (DDD)
- Clean Architecture
- Microservices
- Modern Monoliths
- RESTful APIs

Databases

- PostgreSQL
- MySQL
- DynamoDB
- Redis

Cloud & DevOps

- AWS
- GitHub Actions
- Linux

Engineering Practices

- Automated testing
- CI/CD
- Trunk Based Development

PROFILE

Experienced Backend Software Engineer with over 6 years of hands-on development in scalable, distributed systems using Python and AWS. Adept at translating complex business needs into clean, maintainable architectures following Domain-Driven Design and Clean Architecture principles. Highly adaptable and continuously learning, I thrive in fast-paced environments where I can apply my technical expertise while quickly acquiring new skills to drive meaningful impact. Now seeking a senior-level backend role where I can contribute to ambitious engineering goals and collaborate with high-performing remote teams.

WORK EXPERIENCE

Salú   DEC 2023 - PRESENT
Tech Lead / Backend Software Engineer

- Led a backend team, organizing and prioritizing tasks to ensure timely delivery and boost overall productivity.
- Designed scalable software solutions following Domain-Driven Design (DDD) principles to meet evolving business requirements.
- Refactored a complex legacy system into a modern architecture, significantly reducing technical debt and simplifying feature development.
- Developed and maintained RESTful APIs using AWS Lambda, FastAPI, and PostgreSQL, ensuring high availability and performance.
- Implemented code quality standards via reviews, best practices, and mentorship of junior developers.
- Created CI/CD pipelines using GitHub Actions, reducing deployment errors and accelerating delivery cycles.

Ouribank   JAN 2022 - DEC 2023
Tech Lead

- Guided cross-functional teams in delivering secure, scalable features with modern backend practices.
- Applied DDD and Agile methodologies to ensure business-technical alignment during discovery and implementation phases.
- Designed robust CI/CD workflows with GitHub Actions, enabling consistent and automated deployments.
- Developed and maintained an Airflow pipeline to keep the legacy database and the new application database in sync, ensuring data consistency during the transition phase.

Backend Software Engineer

- Developed and deployed backend services using FastAPI and Clean Architecture, ensuring modular, testable codebases.

- Integrated core AWS services (API Gateway, Lambda, SNS, SQS, Cognito, RDS, DynamoDB) into backend architecture.
- Improved observability and maintainability of distributed systems through logging, monitoring, and structured error handling.

Itaú Unibanco
MAY 2019 - JAN 2022

Data Analyst

- Analyzed and interpreted large datasets to support strategic decisions across business units.
- Created automated reports and dashboards to monitor KPIs and operational performance.
- Collaborated with stakeholders to translate business needs into data solutions.

Developer Intern

- Assisted in the development and maintenance of internal tools to automate processes and improve efficiency.
- Wrote scripts and small applications using Python and shell scripting.
- Participated in debugging, testing, and version control processes alongside the development team.
- Gained practical experience with the software development lifecycle in a corporate environment.

EDUCATION

Control and Automation Engineering
2015 - 2021

State University of Campinas - UNICAMP