LUCAS GOMES CRUZ | .NET Fullstack Developer

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STACKS

.NET Core, C#, Node.js, Angular, React, Flutter, SQL (modeling, complex queries, views, triggers, procedures, optimization), NoSQL, Python (RPA, automations), Apache Spark, Pandas, charts, ETL, machine learning, facial recognition, CQRS, Clean Architecture, microservices, web APIs, authentication/authorization, system integrations, Azure DevOps, Git, CI/CD, Windows and Linux servers, AIS (ship navigation data), data mining.

SUMMARY

Fullstack Developer with strong analytical skills and complex problem-solving abilities. Experience in translating business requirements into scalable and robust technical solutions. Collaborative profile with effective communication skills, technical mentoring, and team coordination. Results-oriented, focusing on delivering value, code quality, and continuous process improvement. Adaptable to different technological contexts, experienced in learning new technologies, promoting development best practices, and ensuring high productivity in dynamic environments.

PROFESSIONAL EXPERIENCE

MOSTEN, *Fullstack Development*   February 2024 – Present

Working as a .NET backend developer with a focus on coordinating and executing critical tasks, integrating various systems into a robust application, using the CQRS architecture pattern to ensure scalability and separation of concerns. Solid experience in designing and implementing efficient database models, as well as managing branches and repositories, supervising the work of other developers and ensuring code quality through reviews. Strong skills in .NET Core, providing technical mentoring to the team and empowering other developers. Experience in performing deployments to production environments. Knowledge in developing complex SQL queries, including the creation of views, triggers, procedures, and performance optimization.

MOSTEN, *Data Internship*   July 2023 – February 2024

Work in backend system integration and process flow design for new prototypes. Experience in data ETL processes and the implementation of facial recognition algorithms, including the development of systems for facial recognition control. Competence in solving complex modeling and query challenges in SQL and NoSQL databases, combined with the creation of interactive and informative dashboards using Power BI. Skills in data engineering, using Apache Spark and Pandas to solve large-scale problems, in addition to applying clustering techniques and developing machine learning algorithms. Familiarity with Azure DevOps for activity management and Git for version control, ensuring the continuous and efficient delivery of technological solutions.

SANTOS PORT AUTHORITY, *Innovation Internship*   April 2022 – July 2023

Experience in modeling and managing relational databases, with a focus on optimization and efficiency. Proficient in developing automations (RPAs) in Python and building robust APIs for complex system integrations. Strategic performance in collecting and analyzing vessel navigation data (AIS), web data mining and processing, and automating data flows for terminal movement, ensuring accuracy and reliability. Significant contribution to the digitalization of business processes, team coordination, high-quality code documentation, and monitoring scripts in production environments based on Linux servers.

EDUCATION

TECHNOLOGIST IN SYSTEMS ANALYSIS AND DEVELOPMENT   July 2021 – July 2024
Baixada Santista Faculty of Technology - Rubens Lara (FATEC)