Lucas Lacerda da Silva

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GitHub LinkedIn

FULL-STACK DEVELOPER

Professional Summary

Full Stack Developer with solid experience in Java, React, React Native, Node.js, and Python. Specialized in developing scalable APIs, dynamic interfaces, and high-performance applications. Skilled in solving complex problems, optimizing code, and implementing efficient solutions. Committed to delivering high-quality software aligned with industry best practices.

Professional Experience

Agrícola Alvorada 02/2023 – 02/2025
Full Stack Developer *Goiânia, GO*

- Responsible for improvements and implementations in internal systems, working both on the front-end (React) and back-end (Java and Node.js/NestJS).
- Optimization of database queries, refactoring queries, and improving processing efficiency.
- Identifying and fixing bugs in web and mobile applications, ensuring greater stability and usability.
- Developing new features and modules for existing systems according to business needs.
- Creating new systems and mobile applications to meet company demands, ensuring efficient integration with legacy systems.
- Actively participating in code reviews, ensuring best development practices.

State Attorney General's Office 01/2022 – 01/2023
Junior Python Developer *Goiânia, GO*

- Developed text classification solutions using Python, NLTK, and scikit-learn.
- Optimized a classification model, reducing processing time by 50
- Designed and implemented data analysis pipelines to extract relevant insights.

Education

Federal University of Goiás 01/2024 – Present
Postgraduate in Software Analysis and Development *Goiânia, GO*

Federal University of Goiás 09/2023 – Present
Bachelor's in Computer Science *Goiânia, GO*

Technical Skills

- Languages: Java, JavaScript, Python.
- Front-end: HTML, CSS, React, Vue.js, Next.js.
- Back-end: Java Spring Boot, Node.js, NestJS.
- Databases: MySQL, PostgreSQL.
- Tools: Git, Docker, Jenkins, Portainer, RapidAI.

Publications and Achievements

GPU Acceleration of Clustering Meta-feature Extraction using RAPIDS WPERFORMANCE 2023 - SBC Open Lib

- Lead author of the published paper, demonstrating a 10x reduction in meta-feature extraction time using GPUs and RAPIDS.
- Presented at an academic event, contributing to meta-learning research.