DENIO BARBOSA JUNIOR

SOFTWARE ENGINEER | BACKEND & DATA SYSTEMS

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deniojr.dev | Brazil | Relocating to Finland (Nov 2026) | EU citizen | Remote / EU relocation

PROFILE

Software Engineer with 2+ years of experience maintaining and improving banking systems across COBOL/CICS, C#/.NET, SQL, and batch integrations. Designed database changes, implemented application updates, and coordinated testing and production releases. Seeking a Software Engineer role focused on modern backend services and data-intensive applications.

TECHNICAL SKILLS

Languages & backend: C#/.NET, COBOL/CICS, SQL, Python scripting, REST APIs, batch applications
Databases & integration: IBM Db2, SQL Server, PostgreSQL, schema design, data validation, file-based integrations
Delivery & tooling: Azure DevOps, Git, CI/CD, Docker, Bash, technical documentation, end-to-end testing

PROFESSIONAL EXPERIENCE

Software Engineer (Contract) | Banco Mercantil do Brasil | Apr 2024 - Present

Through IEBT Innovation (Apr-Oct 2024); direct contractor from Oct 2024.

- Owned changes across COBOL/CICS, batch, .NET applications, APIs, and databases for a banking credit-registry system, coordinating solutions with stakeholders and other developers.
- Investigated an inherited system and mapped required changes across its components; implemented .NET updates, documented COBOL changes for a teammate, and coordinated end-to-end testing for a regulatory deadline.
- Designed and deployed a Db2 archival solution that moved 190 million records into a history table, with monthly batch processing to control active-table growth.
- Built a validated COBOL batch import for partner-product associations, replacing repetitive screen-by-screen entry with a file-driven workflow and detailed error reporting.
- Used SQL checks to identify 847 inconsistent records; worked with upstream system owners to investigate more than 3,000 records at risk of regulatory non-compliance.

SELECTED PROJECT

Brazilian Financial Markets ETL Pipeline | github.com/dnnzao/brazilian_markets_etl_pipeline

- Published a personal Python/PostgreSQL market-data pipeline repository with orchestration, transformations, tests, container configuration, and dashboard code.

EDUCATION & LANGUAGES

Centennial College, Toronto | Software Engineering Technician, Ontario College Diploma | 2022-2023

Languages: English (professional proficiency); Portuguese (native)