Miguel Costa Arruda Netto

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EDUCATION

Cruzeiro do Sul
Bachelor's Degree in Computer Science (2024–2026)

Federal Institute of Education, Science and Technology of Ceará
Bachelor's Degree in Computer Science (2020–2023)

LANGUAGES

English — Advanced

SKILLS

Languages: PHP, C#, JavaScript, TypeScript, Python
Front-end and frameworks: React, Next.js, Node.js, FastAPI, Flutter, HTML5, CSS, SASS, Tailwind CSS, Bootstrap, MUI
Backend and integration: REST APIs, WebSockets, software architecture, full-stack development, systems integration
Data: MySQL, MariaDB, PostgreSQL, SQL Server, MongoDB, Pandas
Testing: Pytest
Infrastructure and tools: Docker, Linux, Shell Script, Apache, XAMPP, AWS (EC2 and S3), Git, GitHub, GitLab, Bitbucket, DBeaver, Postman, Vercel, Jira
Messaging: AMQP, RabbitMQ
Methodology: Scrum

PROFESSIONAL EXPERIENCE

Mid-Level Software Engineer **APR 2026 – PRESENT**
Losung Express

- **LosungWeb:** development and maintenance of the internal platform for operational and financial management of road freight (line haul). The system covers trip planning, control tower and monitoring, fleet, GRIS, KPIs, last mile, tax documents (MDFe/CIOT), and payments — advances, balances, withholdings, and the payment list — in PHP and MySQL, with separate databases for identity and operational data, served on Linux and released through git.
- **APIs and integrations:** pages and endpoints with authorization by menu permission, secrets kept outside the web root, uploads validated by content, and spreadsheet parsers (XLSX). Integration with the driver app, driver registration, Google Sheets, Emiteaí, and DevBridge webhooks.
- **Delivery:** branches from main, pull requests with checks for access policy, secrets, and PHP compatibility, and production deploys by fast-forward, with rollback to the previous commit. Payment screens treated as mission-critical.
- **DevBridge:** internal tool for governing software requests (PWA in PHP, MySQL, and Tailwind), with PM, tech lead, and developer roles, mobile capture, evidence attachments, an audit trail, and status sync with LosungWeb IT tickets. Deployed on a VPS with HTTPS, a firewall, and a database reachable only locally.

Mid-Level Software Engineer **OCT 2024 – OCT 2026**
Markoo Care

- Development of systems for the care of children with autism and their guardians.
- **Markoo Professional Platform:** Next.js, with server components, asynchronous APIs, and Tailwind CSS, matching the proposed design.
- **Backend:** migration of the API from Django to FastAPI, in a modular architecture for further integrations.
- **Features:** prescriptions for physicians and caregivers, rewards, therapy programs, patient history, behavior, a reusable template library, and messaging.
- **Markoo Backoffice:** internal admin system in React and Node.js.

Full-Stack Developer **JUN 2024 – DEC 2024**
M7 Investimentos

- Full-stack development across five operational systems.
- **Registration:** React, TypeScript, and FastAPI, with file uploads to Amazon S3 and loan simulations with permissions, history, and real-time updates via WebSocket.
- **API:** migration of the main API from .NET/C# to Python.
- **Mobile:** Flutter application.
- **Data:** API integration with SQL Server.

Full-Stack Software Developer **OCT 2022 – JUN 2024**
Ceará Information Technology Company — ETICE

- **PortalGDTI:** web application in React and Python for project procurement and goal management, with PostgreSQL.
- **eOffice:** ERP in PHP and JavaScript that connects processes across departments, with a Python API and PostgreSQL.

Front-End Developer **SEP 2023 – APR 2024**
Halosoft

- Responsive interfaces with data integration through APIs.