

Marcos Hiarley Lima Silva

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Leadership Activities

Insilico TEC

Remote

Backend Developer

- Developed e-commerce solutions for small businesses in Bragança-PA, optimizing the workflow of several local stores.
- Applied the SCRUM methodology to ensure team coherence and alignment with client requirements.
- The organization was crucial for introducing several clients to the digital market, improving both sales processes and logistics.

Experience

Freelance Developer

Remote

FullStack Developer

05/2023 - Present

- Built web applications for small businesses, focusing on online sales and logistics optimization.
- Developed digital solutions for e-commerce that improved sales processes and organizational efficiency.
- Started with front-end development and later transitioned to full-stack development.

Federal University of Pará - UFPA

Pará

Research Team Member

05/2023 - 04/2025

- Contributed to several projects in partnership with the LASSE lab, including *6G Aerial Networks: Coverage Optimization with Drones and K-Means Clustering*, resulting in 4 publications, 2 of which were presented at national networking conferences.
- This project earned 2 excellence awards at major Brazilian networking conferences (ENCOM and SBRC).

Federal University of Pará - UFPA

Pará

Research Team Member

06/2024 - 02/2025

- Developed the project *Machine Learning for Health Predictions* in collaboration with the LABCITY lab, creating an AI algorithm for analyzing breast cancer image data.
- This work led to 2 relevant publications at university-level events.

Skills

- **Technical:** Typescript, Node.js, Python, SQL, Docker, Git, GitHub.
- **Languages:** Portuguese (Native), English (C1).

Education

Federal University of Pará

Pará

B.Sc. in Computer Engineering

Jan 2021 - Jun 2026

Federal Institute of Pará

Pará

Technical Degree in Systems Development

Jan 2018 - Jun 2020