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Education

02/2017 – 12/2020
Patos de Minas, Brazil

Information Systems | Bachelor UNIPAM - Centro Universitário de Patos de Minas

The Information Systems course develops skills related to the planning, organization, and development of information systems for companies. As a professional, I am able to identify organizational problems and define the most optimized computational solutions using modern information technologies available on the market.

Work Experience

12/2023 – 12/2025
Patos de Minas, Brazil

Fullstack Developer Patos de Minas's City Hall

Led full-stack development initiatives across the software development lifecycle, including code implementation, deployment automation, and CI/CD pipeline management using GitHub Actions. Architected and maintained scalable back-end services with Java Spring Boot while developing responsive front-end applications using Next.js and React.js.

Key Projects

Terceiro Setor (Non-Profit Management System)

Tech Stack: Next.js, Prime React, Java Spring Boot, PostgreSQL, Docker

- Spearheaded the migration of a legacy Laravel 7 system to a modern technology stack, delivering measurable improvements in system performance and user adoption.
- Redesigned core workflows and UI components, reducing task completion time by 60% and improving user satisfaction scores.
- Built responsive front-end interfaces using Prime React and Next.js, ensuring consistent performance across mobile and desktop devices.
- Strengthened back-end architecture with Java Spring Boot, improving system response times by 40% under concurrent user loads.
- Implemented automated CI/CD pipelines through GitHub Actions, reducing deployment time from hours to under 15 minutes.
- Containerized applications using Docker and managed PostgreSQL databases, achieving 99.5% environment consistency across development and production.

Conservatório (Music School Management)

Tech Stack: React.js, Prime React, Java Spring Boot

- Developed comprehensive management features for a music education institution, streamlining administrative workflows and improving data accessibility.
- Created grade tracking and assessment modules, reducing manual data entry time by 50% for administrators.
- Built a lesson planning system enabling teachers to structure curricula more efficiently, resulting in 30% faster course preparation.
- Implemented enrollment and course management features, decreasing registration processing time by 45%.

Work Experience

MUP (Municipal Museum Digital Archive)

Tech Stack: Next.js, Tailwind CSS, Java Spring Boot

- Led development of a digital asset management system for a municipal museum, modernizing access to cultural collections.
- Designed and deployed a multimedia archive system supporting images, documents, videos, and audio files, managing over 10,000 digital assets.
- Structured taxonomy and categorization system that improved content discoverability by 70%
- Collaborated with cross-functional teams to ensure accessibility compliance and intuitive user experience.

Cadastramento Escolar (Public School Enrollment System)

Tech Stack: React.js, Prime React, Java Spring Boot

- Engineered a comprehensive enrollment and vacancy management platform for public schools, modernizing student registration processes.
- Streamlined registration workflows, reducing enrollment completion time by 55% for families
- developed intuitive interfaces that decreased administrative processing time by 40%.
- Gathered requirements from school administrators and parents, ensuring the system addressed all the critical use cases.
- Monitored post-launch performance metrics and implemented optimizations based on user feedback, maintaining 95% user satisfaction.

Ceasa (Wholesale Agricultural Distribution)

Tech Stack: React.js, Prime React, Java Spring Boot

- Contributed to a supply chain management system serving Brazil's largest wholesale centers for fresh produce distribution.
- Enhanced communication features connecting farmers, distributors, and retailers, reducing coordination delays by 35%
- Conducted comprehensive testing protocols and provided actionable feedback, ensuring system reliability during peak operational hours
- Collaborated with stakeholders across the agricultural supply chain to prioritize feature development aligned with market demands.

03/2021 – 09/2023

Patos de Minas, Brazil

Fullstack Developer

Rastreagro | Teigro

Led back-end architecture and development for a greenfield product using Nest.js, delivering a scalable and high-performance system from the ground up. Contributed to front-end development with React and Redux, optimizing state management patterns. Collaborated with cross-functional teams in an agile environment to deliver features iteratively.

Key Project:

Teigro System (<https://teigro.com>) – Agricultural Traceability & Cold Chain Monitoring Platform

Tech Stack: React.js, Nest.js, PostgreSQL, AWS DynamoDB

- Architected and developed the complete backend infrastructure for an agriculture traceability platform focused on food safety and cold chain compliance.
- Designed RESTful APIs optimized for minimal payload sizes, reducing average response times by 45% and improving front-end rendering performance.
- Implemented API rate limiting and authentication layers, preventing abuse and maintaining 99.8% system uptime during production.

Work Experience

- Architected a hybrid database solution utilizing AWS DynamoDB for real-time sensor data (reducing query latency by 70% compared to relational storage) and PostgreSQL for transactional data.
- Collaborated directly with front-end developers to ensure seamless API integration, reducing integration bugs by 60%.
- Optimized PostgreSQL database schemas and queries, improving data retrieval efficiency by 40%.
- Managed code versioning with GitLab and participated in agile sprint planning through Jira.

Languages & Soft Skills

- LANGUAGES

Portuguese	English	Spanish
Native	Advanced	Intermediate

- METHODOLOGIES

Agile/Scrum	CI/CD
Advanced	Advanced

- COLLABORATION

Cross-functional	Adaptability
Teamwork	Advanced

Technical Skills

- PROGRAMMING LANGUAGES

Java	Javascript	SQL
Intermediate	Advanced	Intermediate

- FRAMEWORKS

Spring Boot	Nest.js	Next.js	React.js
Intermediate	Advanced	Intermediate	Advanced

- DATABASES

PostgreSQL	MySQL	MongoDB
Advanced	Intermediate	Intermediate

- TOOLS AND DEVOPS

Git	GitLab	Github	Github Actions
Professional	Intermediate	Advanced	Intermediate
Docker	Jira		
Intermediate	Advanced		

- UI LIBRARIES

Prime React	Tailwind CSS	Redux
Intermediate	Intermediate	Intermediate

Publications

10/2021

Quickclass - app for managing university attendance through GPS UNIPAM

<https://revistas.unipam.edu.br/index.php/forumgerencial/article/view/2372/1673>

This article addresses the study and application of technology in the learning process, aiming to identify which technologies perform best in this process and also aiming at the development of a mobile application and a web interface that serves the field of education. Thus, the creation process of this application, which aims to help students and teachers record attendance in a simple and quick way, will be demonstrated. For the development of this work, technologies such as React Native were used for the creation of the mobile application, ReactJS for the creation of the web interface, and the non-relational database Firestore for data storage in the cloud.