

Arthur Vicente

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EDUCATION

Northwestern College

Bachelor's Degree in Software Engineering

Orange City, IA

Aug. 2022 – May 2026

SKILLS

Programming Languages: Java, Python, C/C++, HTML/CSS, JavaScript

Frameworks: Springboot, JUnit, Django, Pygame, SQL Object

Developer Tools: Git, Visual Studio Code, PyCharm, JavaBeans, Wireshark, SQLiteStudio, PostgreSQL

EXPERIENCE

Gruppy Tecnologia, Serviços e Intermediação de Negócios LTDA.

Remote

Software Engineer Intern | Python, Django, SQL, Docker

Jun 2024 – Present

- Spearheading an RPA (Robotic Process Automation) project focused on simplifying and automating the distributor and store management processes for the SmartPed platform, significantly enhancing operational efficiency.
- Designing, developing, and fine-tuning sophisticated Playwright scripts to automate complex registration workflows on the SmartPed platform, ensuring smooth navigation and accurate data input.
- Implementing and refining extensive error-handling mechanisms to address potential failures in real-time, including page access issues, element interaction inconsistencies, and data processing errors, leading to a more resilient and reliable automation framework.

Northwestern College

Orange City, IA

IT Technician Assistant

Sep 2022 – Present

- Troubleshooting and Technical Support: Efficiently diagnose and resolve IT-related issues for students, faculty, and staff, ensuring minimal disruption to their academic and administrative activities.
- Computer Repair and Maintenance: Develop a deep understanding of various methods for repairing computers, addressing both hardware and software malfunctions to maintain optimal performance.
- Customer Service Excellence: Demonstrate strong listening and customer service skills to accurately understand and address user concerns, fostering a welcoming and supportive IT environment.

PROJECTS

Spring Boot API

[View Project](#)

- A simple CRUD API for managing products, built with Spring Boot and Spring Data JPA. The API supports CRUD operations, utilizing HATEOAS for enhanced response links and H2 Database for development.
- Technologies: Java 11, Spring Boot 2.7.x, Spring Data JPA, H2 Database, HATEOAS, Maven, Jakarta Validation.
- Testing: Tested API endpoints with Postman.

Personal Portfolio

[View Project](#)

- Web Design: Utilized HTML for content structure, CSS for styling, and Javascript for interactive elements, creating a modern, responsive user experience.
- Responsiveness: Implemented responsive design principles to ensure optimal display across various devices and screen sizes.
- Showcase: Highlighted projects and accomplishments with a clean, user-friendly interface for easy navigation.

API Management System

[View Project](#)

- Developed a RESTful API using Spring Boot to manage users, categories, incomes, and outgoings with full CRUD functionality.
- Utilized Spring Data with H2 Database for efficient development and testing.
- Verified and tested API endpoints using Postman to ensure reliability and correctness.