Willian — purewave0

Software Developer

📍 Brazil

Developer focused on clear communication, fast learning, and practical problem-solving to deliver readable, maintainable code.

Work Experience

Programmer @ DetWill

2022 – 2025

- Freelancing team established with a colleague.
- Collaborated on approximately 20 jobs, including web applications, automation, landing pages, and portfolios.

Projects ⌨

FrostSense

Real-time IoT temperature monitoring solution for cold storage warehouses.

- Live multi-sensor feeds with Celsius and Fahrenheit support.
- API receives authenticated readings, eliminating heat intrusion from physical checks.
- Generates verifiable reports, enables permission-based user management.

Kaeru

Japanese verb & adjective conjugation trainer for desktops

- Fast, focused practice with randomised word and conjugation selection.
- Generates a vocabulary of the most frequent words across Japanese media.

Fortuna

Straightforward drone tuner for musicians.

- 7 easy-to-use options, including tuning systems and transposition.
- Responsive design with 3 themes to choose from.

Extracurriculars and Relevant Activities

Linux Systems

- 6 years of experience with Linux distributions based on Ubuntu and Arch.
- Proficient in CLI tools for efficient workflow: neovim, tmux, sed, awk.
- Skilled in system management tools: systemctl, apt, journalctl.
- Experienced in Bash scripting for automation and integration of tools.

Robotics Learning & Demonstrations

- Earned the Design medal at the Brazilian Robotics Olympiad (high-school Arduino team).
- Presented the robot's functionality to students at 2 science fairs.
- Helped run 3 Arduino workshops for elementary students.
- After graduation, at the school's invitation, fully rebuilt the robot to showcase it at a major event in the town square.

Contact

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⌨ purewave0

Skills

Hard skills:

- Backend Development
- Web Development
- Software Testing

Programming Languages:

- Python
- JavaScript
- Bash
- SQL - MySQL/MariaDB
- C++

Libraries and Frameworks:

- Flask
- SQLAlchemy
- Qt6
- Node.js
- Mongoose

Tools and Software:

- Git
- Neovim
- Linux
- KVM + virt-manager

Languages

🇧🇷 Portuguese - Native
🇬🇧 English - Fluent
🇯🇵 Japanese - N4, Learning

Education

UniCesumar

Bachelor of Science
Software Engineering
2022 — 2025, In Completion

Federal Institute of Acre

High School Diploma
Technical Diploma in Management
2019 — 2021

Integrated Course: standard curriculum alongside technical specialisation.