

NANGNDI WABEDE

Research & Development Engineer | Electronics & Control Engineering | Embedded Systems | AI | Industrial IoT | Software Engineering

PROFESSIONAL PROFILE

Multidisciplinary engineer combining Computer Science and Electronics & Control Engineering with experience in software engineering, embedded systems, AI, computer vision, industrial automation and Industrial IoT.

EDUCATION

2019–2025: Electronics & Control Engineering (Master 2), ESPA-UNIVAK.
2015–2018: Computer Science Foundation, ITUniversity Madagascar.

EXPERIENCE

Founder & Principal Engineer – ChendyTronics (2024–Present)
Research Engineer – Independent Projects (2023–Present)
Independent Software & Technology Consultant (2018–Present)

PROJECTS

DDEI, ChendyPresence, ChendyVision, ChendyIoT, ChendyForge, AI Shoplifting Detection.

TECHNICAL SKILLS

Software Engineering: Python, TypeScript, JavaScript, PHP, FastAPI, React, Next.js, Laravel, Odoo.
Embedded Systems: ESP32, STM32, PIC, Embedded C/C++.
AI & Vision: Computer Vision, Deep Learning, TinyML.
Databases: PostgreSQL, MySQL, Oracle, MongoDB, InfluxDB, TimescaleDB.
IT Support & Infrastructure: Linux, Windows, Active Directory, LDAP, Docker, Git, GitHub.