



Jared Rodriguez de la Cruz

WEB BACKEND DEVELOPER

CONTACT

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🔗 [Jared-RodriguezdeLaCruz](https://jaredcode.dev)

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PROFIL

Franco-Mexican backend developer passionate about distributed systems and robust architectures, I am currently seeking a company where I can complete my internship and apply my skills to technically demanding projects.

SKILLS

- 🌱 Languages & Frameworks
 - Python, Java, JavaScript, C++, PHP, Node.js, Express, FastAPI, Django
- 🌐 Web & Frontend Development
 - React, Vue, Astro, Tailwind CSS, Bootstrap, CSS3
- 📱 Mobile Development
 - React Native, Android, Kotlin
- 🗄 Databases
 - MongoDB, Redis, MySQL, SQLite, Firebase
- 🛠 Software & Tools
 - Visual Studio Code, JetBrains, Android Studio, Postman, Github, GitLab, Docker, Trello, Arduino IDE, Proteus, MPLAB X IDE, Raspberry Pi
- ⚙ Soft Skills & Practices
 - Agile methodology (Scrum)
 - Pair programming
 - Team spirit
 - Technical curiosity
 - Organizational skills
 - Autonomy

LANGUAGES

- Spanish: Native
- English: Advanced (C1)
- French: Intermediate (B1-B2)



EDUCATION

- **Bachelor of Science in Computer Science (BUT Informatique)**
IUT NORD FRANCHE-COMTÉ, BELFORT
September 2025 – July 2026 (3rd year in progress)
- **Blended Intensive Programme (BIP) - AI in Robotics**
HOCHSCHULE BREMEN, GERMANY
October 2025 – January 2026
- **University Degree in Information Technologies – Software Development (diploma prepared in 1 years)**
UNIVERSIDAD TECNOLÓGICA EL RETOÑO, AGUASCALIENTES, MEXICO
August 2023



EXPERIENCE

- **IT Maintenance Assistant**
STATIONERY MELODY
September – December 2023
 - Diagnosed and repaired hardware and software issues, improving system performance by over 20%
 - Installed office software and antivirus tools to ensure a secure environment
 - Provided technical support to users and configured a time management system



PROJECTS

- **Smart Parking for People with Reduced Mobility – ParkMR**
September 2025 – July 2026
Contributed to an open-source project improving accessibility to PMR parking via mobile and web apps. Responsible for ESP32 microcontroller development, Node.js API, and AI integration (OCR, predictions).
- **FakeNewsViber**
October – Decembre 2025
Developed a unified system combining predictive AI (BERT fine-tuning) with generative AI (LLM streaming via FastAPI) to detect misinformation in real time and generate concise, human-readable justifications
- **Sign Language Alphabet Recognition with OpenCV**
February – May 2025
Developed a real-time prototype for recognizing the sign language alphabet using computer vision and deep learning. The system identifies static hand postures to spell words, with a dual mode for static images and dynamic sequences.