John Paul Martin Fajardo Calle

Mecatronics Engineering Student | Backend Developer | Technology Enthusiast

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Professional Summary

Mecatronics Engineering student with hands-on experience in backend development, electronics, and automation. Passionate about robotics, artificial intelligence, and system optimization. Proven skills in C++, Python, MATLAB, and circuit design. Currently working as a Freelance Backend Developer at BairesDev, building scalable, high-performance backend solutions. Actively seeking opportunities to grow as a software developer in fast-paced, technology-driven environments.

Professional Experience

BairesDev – Backend Developer (Freelance)
Jan 2025 – Present
- Designed and implemented scalable backend solutions for international clients.
- Developed RESTful APIs and enhanced performance through optimized service architecture.
- Managed SQL and NoSQL databases to improve data access efficiency.
- Collaborated in Agile teams using Scrum and Kanban methodologies.

FULLTIMEFORCE – Freelance Development Candidate
Dec 2024 – Offer Considered
- Received an offer for freelance development services for North American clients.
- Evaluated WordPress-based project proposals for professional environments.

Education

UTEC – Universidad de Ingeniería y Tecnología
Bachelor of Engineering (B.E.), Mecatronics Engineering
April 2024 – Dec 2029 (Expected)
Relevant coursework: Advanced Programming, Digital & Analog Electronics, Automation & Control Systems.

Technical Skills

- Programming Languages: C++, Python, MATLAB, Java, JavaScript, PHP
- Web Development: HTML, CSS, WordPress
- Electronics & Automation: Arduino, sensors, motor control
- Simulation & Modeling: MATLAB, Simulink, Proteus
- Databases: SQL, MySQL
- Methodologies: Scrum, Kanban

📁 Featured Projects
To explore my technical projects—including API development, system automation, and web applications—please visit my online portfolio at: My WebSite
You will find detailed documentation, screenshots, repository links, and more.