

Brandon Alonso Urbano Zea

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Professional Summary

I am a Software Analysis and Development Technologist and a Computer Engineering student with a versatile skill set that combines software development, artificial intelligence, process automation, technical support, and technology training. I have experience creating digital solutions, integrating tools and services, solving IT problems, and sharing knowledge about technology. I am known for my curiosity, initiative, and commitment to continuous learning, with an interest in exploring new tools and applying technology in practical and accessible ways for individuals, startups, and organizations.

Professional Experience

Full Stack Developer — **Remote**
Independent — *Jan. 2025 – Present*

- Diagnosing and resolving technical incidents in production environments.
- Configuring systems, access and user management.
- Installing, configuring and maintaining Windows.
- Helping users solve technical problems, with a help-desk approach.
- Planning, designing and developing web solutions for clients and personal projects.
- Designing and implementing data structures and business logic.
- Implementing admin panels with CRUD operations.
- Automating repetitive tasks with n8n workflows and building AI agents and assistants via WhatsApp and Telegram.
- Talks and mentoring on technology and digital tools.

Instructor – Digital Tools and Basic Computing — **Yopal, Casanare**
Instituto Técnico de la Orinoquía – INTECOR — *Sep. 2025 – Sep. 2026*

- Taught Digital Tools and Basic Computing modules in Competency-Based Technical Labor programs.
- Planned course content, provided academic support and assessed student learning.

Graphic Design Assistant — **Monterrey, Casanare**
Proyección Gráfica — *Jun. 2025 – Jun. 2026*

- Design of flyers, social media posts, and presentations.
- Managed and organized the digital archive of graphic resources.
- Developed internal communication materials.

Student Assistant – Web Development and Technical Support **Sogamoso, Boyacá**
National Learning Service (SENA) – Centro Minero *Oct. 2024 – Apr. 2025*

- Technical and administrative support.
- Planned, designed and developed web solutions for the Training Center.
- Mentored and tutored apprentices.

Education

Computer Engineering **Online**
Universidad Internacional de la Rioja (UNIR) Feb. 2026 – Present
67 of 160 credits transferred from the technologist degree; currently taking advanced-semester courses.

Technologist in Systems Analysis and Software Development **Sogamoso, Boyacá**
National Learning Service (SENA) – Centro Minero Jan. 2023 – Apr. 2025 (Degree awarded: Jun. 2025)

Technical Skills

- **Languages, Frameworks and Libraries:** JavaScript – TypeScript – HTML – CSS – Tailwind CSS – React – Next.js – Node.js – GSAP – Git/GitHub
- **Backend and databases:** MySQL – PostgreSQL (Supabase) – REST APIs – Data modeling
- **Infrastructure and support:** Windows (installation, configuration and maintenance) – Incident diagnosis – User support – User and access management – Basic cybersecurity – Operating systems – Google Cloud – VPS
- **Automation and AI:** n8n – Automation workflows – AI agents and assistants (WhatsApp, Telegram) – Claude Code – MCP – LangChain – LangGraph – RAG
- **Networking and printers (basic level):** Network infrastructure – Network segmentation and subnetting – Setting up work networks within a single network – Printer setup and connection – Firewall
- **Infrastructure and technologies:** Windows Server administration, networking, virtualization, containers (Docker) and cloud; data backup and recovery, monitoring, security and incident management under ITIL.
- **English level:** Intermediate