

JUAN NICOLAY BUITRAGO VARGAS

Fullstack Developer | Software Engineer

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PROFESSIONAL SUMMARY

Fullstack Developer with 2+ years of experience across the full software development lifecycle — from planning and architecture to deployment and production support. Currently in the 8th semester of a Software Engineering degree at Universidad Ucompensar (Bogotá, Colombia). Proficient in modern frameworks including Angular, React, Spring Boot (Java), and Node.js, with hands-on experience in microservices architecture using Docker, Kubernetes, and Istio. EFSET B2 English certified. Passionate about backend development, AI integrations, and continuous learning.

WORK EXPERIENCE

Application Development & Support Analyst — (Bogotá, CO) | Sept. 2024 – Present

- Built a web application from scratch, covering all SDLC stages and ensuring full functionality and stability in production.
- Created UML documentation and diagrams for internal and external projects, reducing development and maintenance turnaround times.
- Provided support for internal business applications, delivering new features that positively impacted team productivity.
- Maintained close communication with clients to gather requirements and ensure deliverables met expectations.

Stack: Node.js · JavaScript · Angular · PHP · PostgreSQL · MySQL · Redis · TailwindCSS · Linux Servers · Docker · SSH · Proxmox · CRM

Development Intern — Covisian (Bogotá, CO) | Aug. 2023 – Feb. 2024

- Contributed to improvements in the company's internal inventory management system.
- Generated periodic status reports on machines managed by the operations department.
- Coordinated directly with clients to gather requirements and validate delivered solutions.

Stack: Java · Spring Boot · MySQL · Oracle Database · HTML · CSS · JavaScript · IntelliJ · Postman

Freelance Web Developer — Groc | Feb. 2024 – Jul. 2024

- Developed an e-commerce site with full payment gateway integration, aligned with the client's brand and specifications.
- Optimized internal platform processes to streamline the checkout flow and improve the overall user experience.
- Configured and deployed the production environment for consistent availability and performance.

Stack: WordPress · WooCommerce · Hostinger · HTML · CSS · JavaScript

EDUCATION

B.S. in Software Engineering (In Progress, 8th Semester) | 2022 – 2027

Universidad Ucompensar — Bogotá, Colombia

Professional Technical Degree in Software Application Programming | 2022 – 2024

Universidad Ucompensar — Bogotá, Colombia | Completed

High School Diploma — Graduated with Honors | 2016 – 2021

Gimnasio Moderno Castilla — Bogotá, Colombia

TECHNICAL SKILLS

Programming Languages

Java · JavaScript · TypeScript · PHP · HTML · CSS · SQL

Frameworks & Libraries

Spring Boot · Angular · React · Node.js · Astro · Symfony · TailwindCSS

Databases

PostgreSQL · MySQL · Oracle Database · Redis (NoSQL)

DevOps & Infrastructure

Docker · Kubernetes (K8s) · Istio Service Mesh · Linux Servers · SSH · Proxmox · Vercel · Netlify · Hostinger

Tools & Methodologies

Git · Postman · IntelliJ IDEA · VS Code · XAMPP · WordPress · WooCommerce · UML Diagrams · Scrum · CRM

Artificial Intelligence

AI API integrations (Google Gemini Flash) applied in personal and professional projects

PERSONAL PROJECTS

TranslaSite — AI-Powered Translation Platform | *Jul. – Aug. 2024*

- Web platform leveraging Gemini Flash to deliver fast, accurate translations of text and images through a clean, minimalist interface.

Stack: Astro · Node.js · TypeScript · TailwindCSS · Gemini AI · Vercel | translasite.vercel.app

Personal Portfolio | *Feb. – Mar. 2024*

- Professional personal website showcasing projects and skills, built with a responsive and accessible design.

Stack: Astro · TypeScript · TailwindCSS · Netlify | portfolio-nicolay.netlify.app

User Management System — REST API with Spring Boot | *Oct. – Dec. 2023*

- MVC web application for user and item management with JWT-based authentication and a REST API consumed by a JavaScript frontend.

Stack: Java · Spring Boot · MySQL · JWT · IntelliJ · Netbeans | github.com/Rakkun9/JavaSpring_Control_de_usuarios

CERTIFICATIONS & COURSES

- EFSET B2 Upper Intermediate English Certificate
- Scrum Fundamentals Certified
- Java Fundamentals, Java Foundations, Java Programming — Oracle
- Database Design & Database Foundations — Oracle
- Cisco: Introduction to the Internet of Things (IoT)
- Git & GitHub — Platzi

LANGUAGES & SOFT SKILLS

Languages

Spanish (Native) · English B2 — Upper Intermediate (EFSET Certified)

Soft Skills

Adaptability · Problem-solving · Critical thinking · Teamwork · Effective client communication · Openness to feedback · Continuous learning