HUGO ADAMA

Frontend & Full-Stack Developer | Systems Engineering Student

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PROFESSIONAL SUMMARY

Systems Engineering student (UPN) with prior Software Engineering coursework (UPC) and hands-on experience in warehouse operations, inventory traceability, and ERP systems at Servicios Corporativos Muruhuay. Specializes in building modern, scalable, and ultra-fast JAMstack web applications (Zero-FOUC) with Astro, TypeScript, React 19, and Modular CSS. Strictly committed to Core Web Vitals optimization, web accessibility standards (WCAG AA/AAA), and responsive design. Bilingual in professional and technical English with dual Cisco Networking Academy certifications (English for IT 1 & 2).

TECHNICAL SKILLS

Frontend:	Astro, TypeScript, React 19, JavaScript (ES6+), Modular CSS, Tailwind CSS, Semantic HTML5.
Backend & DB:	Node.js, Python, PHP, Laravel, RESTful APIs, MySQL, SQL Server.
Tools & DevOps:	Git, GitHub, Cloudflare Pages, Vercel, Vite, Figma, Linux / Bash, Advanced Microsoft Excel.
Languages:	Spanish (Native), English (Advanced - ICPNA, Britanico, Cisco English for IT 1 & 2).

WORK EXPERIENCE

Warehouse Operations & Inventory Assistant **Jan. 2024 - Present**

Servicios Corporativos Muruhuay | Lima, Peru

- Supervised inventory management and quality tracking for automotive spare parts (filters, oils, spark plugs, coolants).
- Maintained continuous operational records using the company internal ERP system and advanced Microsoft Excel spreadsheets.
- Coordinated end-to-end logistics workflows: inbound shipment receipt, order staging, packaging, and client dispatch.

FEATURED SOFTWARE PROJECTS

Git Command Web | *Astro, TypeScript, Modular CSS*

- Interactive, visual mental-model learning platform for Git featuring an in-browser live terminal simulator.
- Built a 4-stage visual pipeline, 3-way merge conflict visualizer, and Git Bisect simulator with sub-second page loads.

BeatNest - Audio Player | *TypeScript, Web Audio API, Canvas 2D*

- Private, client-side web audio player with a 5-band parametric equalizer and real-time 60fps frequency spectrum visualizer.
- 100% in-browser signal processing without external cloud dependencies, user accounts, or telemetry tracking.

Once Upon a Timeline | *Astro, React 19, Canvas API*

- Interactive multi-language digital archive (ES/EN/KO/JA) featuring dynamic discography timeline and integrated media player.
- Engineered virtual lightstick simulator and interactive 3D photocard customizer with client-side Canvas rendering export.

Kanban Tableau - Task Management | *TypeScript, Native Drag & Drop, WCAG 2.1 AA*

- Fully accessible task management board with complete keyboard navigation, state Undo/Redo history, and local persistence.

EDUCATION & TRAINING

Universidad Privada del Norte (UPN) Aug. 2026 - Present
B.S. in Systems Engineering (Ingenieria de Sistemas Computacionales)

Universidad Peruana de Ciencias Aplicadas (UPC) Mar. 2018 - Dec. 2021
Software Engineering / Computer Science Coursework

ICPNA & Asociacion Cultural Peruano Britanica (Britanico) 2015 - Present
Comprehensive English Programs (Basic, Intermediate and Advanced Courses)

LICENSES & CERTIFICATIONS

• Cisco Networking Academy: English for IT 1 & English for IT 2 (Software Engineering & Networking Vocabulary)
• University of Michigan: Good with Words - Writing and Editing Specialization
• Vanderbilt University: Introduction to Programming with MATLAB | Meta: Meta Certified Digital Marketing
• Macquarie University: Excel Skills for Business (Essentials & Intermediate I) | Univ. of Pennsylvania: Positive Psychology