JUAN DANIEL OLMOS ARAOZ



Industrial Footwear Designer & Full-Stack AI-Supported Operations Specialist

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LinkedIn Profile | Portfolio Website

PROFESSIONAL SUMMARY

Versatile Industrial Footwear Designer, Technical Modeler, and Digital Operations Specialist with 18 years of experience bridging creative conceptualization, pattern engineering, and factory-floor mass production[cite: 2]. Expert in fusing traditional footwear craftsmanship with cutting-edge workflows, including custom JavaScript JSX automation, 3D prototyping (Blender/ShoeMaster), AI-accelerated visual rendering, and full-stack web application development for industrial process tracking. Recognized for optimizing material yields, accelerating go-to-market timelines, and creating high-impact visual marketing assets.

CORE COMPETENCIES & TECHNICAL SKILLS

- **Footwear Design & CAD/CAM:** Shoemaster (Creative & Power), Technical Pattern Engineering, Grading, Outsole Tooling, and Last Specifications.
- **3D Modeling & Visualization:** Blender (3D Footwear & Sole Prototyping, Embossing Molds), Vizcom & Generative AI for Rapid Concepting.
- **Full-Stack & Web Operations:** HTML5, Modern CSS/Tailwind, JavaScript, Firebase (Hosting & Firestore), GitHub Actions CI/CD, Custom JSX Automation Scripting for Adobe Illustrator.
- **Digital Marketing & Visual Media:** Adobe Creative Cloud (Photoshop, Illustrator, InDesign, Premiere Pro, After Effects) for Product Marketing Carousels and Video Pitch Materials.
- **Manufacturing & Plant Operations:** Factory Floor Handover, Material Yield & Costing Analysis, Sourcing, Technical Spec Sheets (Tech Packs), and Quality Control.
- **Languages:** Spanish (Native), English (Professional Working Proficiency).

PROFESSIONAL EXPERIENCE

Bata Shoes | Cochabamba, Bolivia

Collection Development Specialist & Technical Modeler | 2017 – Present[cite: 2]

- Lead the adaptation of global design concepts and technical spec sheets into local, large-scale manufacturing realities[cite: 2].
- Engineered custom JavaScript JSX automation scripts in Adobe Illustrator to calculate precise material consumption and waste yield per component, significantly optimizing production costing accuracy[cite: 2].
- Integrated AI-driven rendering pipelines and 3D modeling tools to generate hyper-realistic product prototypes from initial 2D sketches, cutting presentation and decision-making timelines[cite: 2].
- Supervised pre-production technical guides, material sourcing approvals, and quality control of first physical samples[cite: 2].

Disney Footwear Collection | Cochabamba, Bolivia

Project Lead & Creative Modeler | 2016 – 2017[cite: 2]

- Managed the creative and technical development of the licensed Disney children's line, ensuring strict compliance with global brand guidelines and local manufacturing capabilities[cite: 2].
- Coordinated directly with international suppliers and internal manufacturing teams to streamline production demand and uphold rigorous quality standards[cite: 2].

Bata Shoes | Cochabamba, Bolivia

Creative/Technical Modeler & Graphic Designer | 2008 – 2016[cite: 2]

- Designed full footwear collections from initial concept sketches through final prototype validation[cite: 2].
- Developed precision technical patterns and sole molds (Think 3-D / ShoeMaster), guaranteeing high-speed and efficient assembly-line execution[cite: 2].

NOTABLE ACHIEVEMENTS & AWARDS

- **"Tus Ideas Valen" Innovation Award:** Recognized for implementing automated process improvements that boosted factory cost efficiency[cite: 2].
- **Performance Excellence Rating:** Achieved a top-tier score of 97/100 in corporate performance management[cite: 2].

EDUCATION & PROFESSIONAL TRAINING

- **Internal Master Trainer Certification** – Bata (2013)[cite: 2]
- **Think 3-D Sole & Mold Design Certification** – (2011)[cite: 2]
- **ShoeMaster Creative & Power CAD Certification** – (2009)[cite: 2]