

Jose Miguel Herrera Gutierrez

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github.com/Eljosek · portfolio-jose-herrera.vercel.app

EDUCATION

Universidad Tecnologica de Pereira (UTP) <i>B.Sc. Systems and Computer Engineering</i> 5th Semester (halfway)	2023 – Present
SENA <i>Systems Technician</i>	2022 – 2024
Colombo Americano de Pereira <i>High School Diploma</i> English: B2 Level	2018 – 2022

EXPERIENCE

Freelance Full-Stack Developer <i>Self-employed — Pereira, Colombia</i>	2024 – Present
<ul style="list-style-type: none">Developed and deployed production web applications for NGOs, insurance companies, and e-commerce businessesBuilt investigative and academic projects for Universidad Tecnologica de Pereira, from requirements gathering to deploymentDelivered full-stack solutions integrating frontend, backend, and database layers across non-profit, insurance, and retail sectorsIntegrated real-time dashboards, authentication systems, and third-party APIs (WhatsApp, email services) for production clients	

PROJECTS

Seguros Prototipo — JH Digital Solutions <i>React, TypeScript, Supabase, Tailwind CSS, Recharts, Vercel</i>	Live Demo GitHub
<ul style="list-style-type: none">Insurance lead management SaaS with real-time admin dashboard, full authentication system, and analytics charts	
Linear Programming Toolkit <i>Python, Flask, NumPy, Matplotlib, JavaScript, Bootstrap 5, Vercel</i>	Live Demo GitHub
<ul style="list-style-type: none">Educational Operations Research solver implementing 7 methods: Simplex, Dual, Two-Phase, Transportation, Dijkstra, and Kruskal	
ElectroEventos Store <i>Next.js 15, React 19, TypeScript, Zustand, Tailwind CSS v4, Framer Motion, Vercel</i>	Live Demo GitHub
<ul style="list-style-type: none">Modern e-commerce platform with animated UI, persistent cart, and fully responsive App Router architecture	
Prototipo FUNCO <i>React, TypeScript, Vite, Framer Motion, Radix UI, Vercel</i>	Live Demo GitHub
<ul style="list-style-type: none">NGO website with scroll animations, impact metrics, testimonials carousel, and WhatsApp API integration	

CERTIFICATIONS & COURSES

Industry 4.0 Data Analysis Certification <i>Alcaldia de Pereira + Universidad Tecnologica de Pereira</i> 60 hours	December 2025
<ul style="list-style-type: none">Focus: Artificial Intelligence, industrial automation, and emerging technologies applied to industry	
Web Development Bootcamp <i>Universidad Tecnologica de Pereira (UTP)</i>	2024

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript
Data & ML: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Jupyter Notebooks
Frontend: React, Next.js, Tailwind CSS, Framer Motion, Radix UI, HTML, CSS
Backend: Node.js, Flask, FastAPI
Databases: Supabase, PostgreSQL, SQL
DevOps & Deployment: Git, GitHub, Vercel, Docker, Vite
Cloud (Learning): AWS, Azure, Google Cloud Platform, Apache Spark, dbt
AI & Developer Tools: GitHub Copilot, Cursor, Claude Code, N8N
Spoken Languages: Spanish (Native), English B2 — Colombo Americano de Pereira