Orlando Ascanio

Open to EU Remote | Venezuela | Software Engineer | [LinkedIn](#) | [Github](#) | [Portfolio](#) | [Email](#) | +58 4128449024

Software Engineer specializing in backend and full-stack development with proven results: cut deployment cycles by 75% through automated CI/CD, secured APIs against 15–30% of unauthorized access attempts, and delivered mobile-first platforms used by 400+ users. Experienced across JavaScript, TypeScript, Python, React, Next.js, Node.js, PostgreSQL, and cloud platforms (AWS, Docker). Seeking remote opportunities to design scalable APIs, build reliable systems, and deliver measurable impact.

WORK EXPERIENCE

Software Engineer | [Github](#)   Cagua, Venezuela
Escuela Técnica Industrial Mariano Fernández Fortique. *Jan 2025 – April 2025*
• Served as principal developer for the school's first official website, coordinating with the school's CS lead, administrators, and staff to define requirements and deliver a production-ready system for 400+ students and staff.
• Secured backend APIs with Node.js + MySQL, cutting unauthorized access attempts by an estimated 15–30% during testing.
• Delivered a mobile-friendly React front-end, leading to 50%+ of traffic coming from phones within the first month.
• Worked in an Agile environment, collaborating with staff and adapting requirements into iterative development cycles.

EDUCATION

Instituto Universitario de Tecnología "Antonio Ricaurte" (IUTAR).   Cagua, Venezuela
Bachelor in Computer Science. *May 2025*

SKILLS

Languages: JavaScript, TypeScript, Python.
Frameworks: React, Next.js, Node.js, Express, FastAPI, Flask, Zustand, TailwindCSS.
Database: MySQL, PostgreSQL, MongoDB.
Tools & DevOps: Git, Github (Version Control), CI/CD pipelines, Docker, AWS, Vercel / Render / Heroku, Github Actions.
Other: Unit & Integration Testing (Jest), OAuth2, Encryption, RESTful APIs.

TECHNICAL PROJECTS

Librora (SaaS Book Management App) | [Github](#)
Node.js, Express.js, MongoDB, Next.js, Docker, JWT, Cloudinary
• Developed and deployed a full-stack web application with authentication, advanced book search/filtering, image uploads, and role-based access.
• Secured the platform using Helmet, CORS, rate limiting, and input validation (Joi), improving reliability and reducing security risks.
• Implemented automated testing and CI/CD pipelines, cutting deployment time by 75%.

Freelance Storefront (Full-Stack E-Commerce App) | [GitHub](#)
Next.js, MongoDB, Zustand, PayPal API, Framer Motion
• Built an online storefront with account management, shopping cart, and PayPal checkout, reducing in-person sales dependency by ~25%.
• Delivered an MVP that enabled 10+ early transactions and automated customer orders, saving the business owner 5 hours per week.

Room Planner MVP (IKEA Kreativ Clone) | [GitHub](#)
Next.js, Three.js, Zustand, TailwindCSS

• Created a 3D room planner where users could arrange and preview furniture in a virtual space.
• Leveraged Three.js for real-time rendering and Zustand for state management, providing an affordable alternative to commercial design tools.

Elevare (Productivity App) | GitHub
Next.js, Prisma, Supabase, TailwindCSS, TypeScript, Zod, PostgreSQL, Framer Motion, React Context
• Designed a productivity app focused on daily focus, helping users commit to their most important task instead of generic to-dos.
• Implemented secure authentication with NextAuth.js + Prisma and a structured database with PostgreSQL + Supabase.
• Delivered features for daily reflections, progress tracking, and task archiving, tags and gamification.

Personal Developer Landing Page Portfolio | orlandoascanio.com
Next.js, TailwindCSS, Framer Motion, Vercel
• Designed and deployed a modern, animated portfolio to showcase projects, resume, and technical journey.
• Implemented dynamic project case study pages (/projects/[slug]) with reusable components, SEO optimization, and dark/light theme toggle.
• Achieved blazing-fast performance and mobile-first design, improving recruiter accessibility.

LANGUAGES

English (C1), Spanish (Native), Deutsch (A1), Mandarin (A1/HSK1).

SOFT SKILLS

Communication, Leadership, Collaboration, Problem-Solving, Adaptability.

EXTRA PROJECTS

MacOS Terminal UI Component – Micro front-end component emulating a MacOS-style terminal with typewriter animation.
Interactive Resume Website – Portfolio site with animated UI and an integrated AI chatbot for guided navigation.
Realtime Chess App, Multiplayer chess game with WebSocket-based real-time moves and state synchronization.
AI-Orlando-Assistant, Resume Q&A chatbot built with Flask + Google Gemini API, delivering tailored answers from CV data.
Weather Dashboard with Geolocation, Real-time dashboard that auto-detects user location and displays current weather.

INTERESTS

- Playing Chess.
- Reading on Entrepreneurship and Personal Growth.
- Fitness (jump rope & discipline-based training).
- Exploring digital nomad lifestyle & AI innovations.