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Top Skills

Python

Law

Extract, Transform, Load (ETL)

Luiz Gouveia

Lead Full Stack Developer & Digital Solutions Architect
Santos, São Paulo, Brazil

Summary

Hey there! Full transparency: I'm a Lead Full Stack Developer & Digital Solutions Architect, actively partnering with AI, automation, and creative design for tangible results. No smoke and mirrors – just strategic tech leverage.

How I Drive Impact:

- AI-Enhanced Coding: Optimized, debugged (70% faster), and validated code for quality and efficiency using tools like Cursor.
- Full-Spectrum Development: Architected secure backends (Python/Django), intuitive front-ends (JavaScript/Vue.js), and slashed video render times by 40% with distributed systems.
- AI Innovation: Designed custom LLMs (RAG using Claude, OpenAI, Gemini), fine-tuned models, and built AI-integrated platforms for real-time customer interaction and intelligent automation.
- End-to-End Automation (N8n & MCP): Mastered N8n, including MCP Server architectures, to streamline critical business processes, create modular microservices, integrate APIs, databases (incl. RabbitMQ), and messaging for production-grade reliability.
- Robust DevOps & Infrastructure: Deployed and managed cloud infrastructure (Hetzner, AWS S3) with Docker, Coolify, ensuring high availability and security.
- Creative & Visual Solutions: Led UI/UX (Figma), graphic design (GIMP, AI tools like Ideogram, LeonardoAI, DALL-E), video editing (CapCut, Kling AI), and AI content generation for compelling brand visuals.

Tech Stack (Human-Mastered, AI-Enhanced):

- Python/Django, JavaScript/Vue.js
- Cursor (AI Code Editor)
- AI/LLMs (Claude, OpenAI, Gemini), Vector DBs, Prompt Engineering, LangChain
- N8n (incl. MCP Server), Automation, API Integration
- Docker, Coolify, PostgreSQL, Redis, RabbitMQ, Hetzner, AWS S3
- Figma, GIMP, CapCut, AI Generative Tools (Ideogram, LeonardoAI, Kling AI, DALL-E)

Proven Approach:

- ✓# Complete project ownership: architecture → deployment.
- ✓# 12+ successful projects via AI-augmented & automated workflows.
- ✓# Rigorous security in critical environments.
- ✓# Exceeded expectations with rapid, scalable solutions.
- ✓# Independent end-to-end delivery.
- ✓# Seamlessly blend deep tech, creative design, & strategic automation.

Let's Get Real:

I value tangible impact over lines typed. I use Cursor, N8n, and AI daily to build, test, and iterate solutions that solve problems faster and more effectively.

If you need someone who:

- Ships production-ready solutions.
- Combines human expertise with cutting-edge AI, automation & creative tools.
- Owns projects end-to-end.
- Maintains 100% transparency.
- Can architect, build, automate, design, and deploy complex digital ecosystems.

Get in touch!

Experience

Salus Water Filtration Systems

Lead Full Stack Developer & Digital Solutions Architect

February 2025 - Present (4 months)

Florida, United States

Spearheaded the technological and creative development at Salus Water, driving innovation across full-stack development, AI integration, automation, infrastructure management, and comprehensive visual design. Played a pivotal role in building and scaling the company's digital presence and operational efficiency.

Allive AI Solutions

1 year

Full Stack Developer | Prompt Engineer

November 2024 - Present (7 months)

Santos, São Paulo, Brazil

- Architected a Vertical AI marketplace platform using Vue.js 3.5 and Django 5.0, enabling automated deployment of specialized AI agents.
- Developed secure real-time chat system with markdown parsing and XSS protection.
- Implemented enterprise-grade security infrastructure with CSP and CORS, achieving compliance standards for handling sensitive client data.
- Orchestrated scalable microservices architecture using Docker containerization, supporting concurrent deployment of multiple AI agents and improving deployment efficiency by 60%
- Engineered custom prompt architecture enabling AI agents to actively engage in sales conversations while maintaining domain expertise, creating a self-driven showcase platform for specialized agents

Full Stack Developer / Prompt Engineer

October 2024 - Present (8 months)

Santos, São Paulo, Brazil

- Developed an automated video processing system using Moviepy, reducing editing time by 83% (from 60 to 10 minutes) for 2-hour livestream content.
- Engineered distributed processing pipeline with Celery, Redis, and ThreadPoolExecutor, handling content needs for 35,000+ subscriber channel with 90% accuracy.
- Integrated OpenAI GPT-4o-mini and Groq for AI-powered content analysis, automatically generating timeline by chapters, transcripts, and key insights, eliminating \$2,000+/month in video editing costs.

- Built automated content multiplication system that transforms livestreams into vertical (9:16) shorts for TikTok/Instagram using concurrent processing, increasing cross-platform reach.

Front End Developer

July 2024 - Present (11 months)

Santos, São Paulo, Brazil

- Co-founded localization company with Latin Grammy-winning audio engineer, architecting modern web interface with Tailwind CSS and WebGL-powered particle system that increased user engagement.
- Engineered responsive animation system using GSAP and ScrollTrigger, achieving 95% performance score across devices from mobile to 4K displays.
- Developed integrated lead generation system with WhatsApp, reducing client response time and streamlining project inquiries.
- Created performant modular JavaScript architecture with hardware-accelerated animations and CDN delivery, maintaining sub-2-second load times across global regions.
- Built comprehensive service showcase platform highlighting dubbing, translation, and cultural adaptation capabilities, leading to 50% increase in enterprise client acquisition.

Full Stack Developer

July 2024 - December 2024 (6 months)

Santos, São Paulo, Brazil

Cactus Bot - Automated Assignment Monitoring System

- Architected 24/7 automated assignment monitoring system with Django and Selenium, eliminating manual overnight monitoring and achieving 99.9% uptime
- Designed intelligent filtering system with configurable price thresholds and deadlines, resulting in 40% higher-value project acquisition
- Implemented real-time monitoring dashboard with AJAX and jQuery, providing instant status updates and automated goal-based system shutdown
- Engineered fault-tolerant infrastructure using Python's retrying library and rotating logs, maintaining 99.9% system reliability under unstable conditions
- Developed comprehensive security layer with CSRF protection and atomic transactions, ensuring thread-safe operations for concurrent assignment processing

Full Stack Developer

June 2024 - December 2024 (7 months)

Santos, São Paulo, Brazil

Enago Bot - Academic Editing Assignment Management System

- Developed automated academic editing assignment system using Django and PostgreSQL, reducing response time from minutes to seconds and preventing revenue loss.
- Engineered configurable acceptance criteria system based on price, deadline, and service type, increasing high-value assignment capture by 35%.
- Built real-time monitoring interface with HTML5 and jQuery, enabling automated decision-making with customizable daily revenue targets.
- Implemented multi-stage authentication and thread-safe operations, handling concurrent assignment processing with zero conflicts.

Front End Developer / Prompt Engineer

September 2024 - September 2024 (1 month)

Santos, São Paulo, Brazil

Alan Nicolas - AI Clone - Super Agentes Challenge by Acadêmia Lendária

- Engineered AI personality replication system using vector database and RAG architecture, achieving 90% accuracy in mimicking specific speech patterns and communication style.
- Developed context-aware prompt engineering system that combines multiple data sources (YouTube transcripts, course Q&A, methodology), improving response relevance by 75%.
- Built mobile-first SPA with custom animations and efficient resource loading, reducing page load time by 45% and increasing user engagement.
- Created bidirectional real-time communication system with asynchronous data fetching, handling concurrent user sessions.
- Optimized data retrieval with custom RAG implementation and semantic search, reducing response latency.

WOA Network

Localization Specialist / Singer & Dubber

November 2023 - Present (1 year 7 months)

- Our commitment to punctuality and consistency in recording and delivering around 10-22 songs weekly has been crucial. To date, we've adapted over 700 songs, a feat that demonstrates the dedication of our team, consisting of myself, audio engineer Adriano Daga, and singer Thainara Fonseca.
- Our process goes beyond simple translation; we culturally adapt and modulate voices to preserve the original essence of each song. The impact

has been extraordinary: in just 10 months, our adaptations have accumulated over 60 million views, with one song reaching 1.9 million views on YouTube.

- This project not only makes songs accessible in different languages but also builds cultural bridges. I'm proud of what we've achieved and excited to continue bringing quality music to a global audience, always maintaining the integrity of each original work.

Trot Geo Tracking

Front End Developer

January 2023 - December 2023 (1 year)

Brazil

- Open source project aimed at gaining knowledge on how to implement the basics of geospatial data usage and how this can be a differentiator for various software projects. Developed using VueJs.

Ad-free Bible Reading Web Application

Full Stack Developer

June 2023 - July 2023 (2 months)

Brazil

- Developed distraction-free Bible reading platform using Django and modern frontend technologies, providing users with an ad-free and popup-free reading experience.
- Engineered responsive reading interface with customizable text sizing and theming options, enhancing readability across all devices.
- Integrated bible-api.com for comprehensive scripture access while maintaining clean, minimalist user interface focused on content.
- Deployed scalable solution on Fly.io with SSL/TLS security, ensuring reliable and secure access.

ahgas tecnologia

Web Developer / Mobile Application Deployer / Interpreter

November 2022 - July 2023 (9 months)

Santos, São Paulo, Brazil

- Joined the company as an intern working as a sales representative, providing consulting services for business initiation, development, and closure through video calls and phone calls.
- Conducted presentations and training sessions, and remotely monitored partner engagement with the system.
- Generated custom reports for clients using the Metabase platform.

- Served as an interpreter (English to Brazilian Portuguese), facilitating communication during meetings between the company's CCO and Nigerian partners.
- Developed a Web Caller ID feature in Django as an integrated functionality for the company's platform.
- Deployed updated versions of the company's gas ordering app that were customized for partner gas resellers.

MTH Bolos e Salgados

Front End Developer

May 2022 - December 2022 (8 months)

Santos, São Paulo, Brazil

- Developed complete e-commerce solution using Vue.js and Bootstrap, featuring dynamic product catalog and real-time shopping cart management.
- Built responsive mobile-first interface supporting devices from 320px to 1200px+, optimizing customer experience across all screen sizes.
- Implemented WhatsApp-integrated order notification system, streamlining communication between business and customers.
- Engineered efficient product management system with dynamic filtering and real-time inventory updates.
- Created optimized asset delivery system with lazy loading and minification, improving page load times and user experience.
- Designed multi-step checkout process with form validation, reducing cart abandonment and improving conversion rates.

LGO English Classes

English Instructor

June 2019 - November 2022 (3 years 6 months)

Santos, São Paulo, Brazil

- Prepared college students for their first job interviews, which were conducted in English, and luckily we were successful.

CNA Ensino de Linguas

English Instructor

July 2019 - December 2019 (6 months)

Praia Grande, São Paulo, Brazil

- Taught English to teenagers and adults from 12 to 45 years old.
- I was responsible for tutoring the students and preparing the classes according to the content of CNA Teachers' books.

- The classes were from different levels: Basic I & II, Teens IV, Pre-Intermediate II, Pre advanced II.

Woolworths Group

Order Selector

June 2017 - January 2019 (1 year 8 months)

Perth, Western Australia, Australia

- Consistently exceeded performance targets by 5-20% in fast-paced distribution center environment, processing over 1,000 items daily.
- Operated center-controlled rider pallet jack with zero safety incidents, maintaining perfect safety record throughout tenure.
- Utilized voice-activated order picking system for accurate product selection and inventory management.
- Coordinated with team members and supervisors to ensure efficient warehouse operations and timely incident reporting.
- Managed time-sensitive deliveries during 8-10 hour shifts, maintaining high accuracy while meeting strict deadlines.
- Demonstrated exceptional attention to detail in product handling and safety protocols within 24/7 distribution facility.

Forte School of Music

Acoustic guitar Teacher

June 2017 - December 2017 (7 months)

Perth, Austrália Ocidental, Austrália

Taught acoustic guitar to students aged 7-15, developing tailored lessons to enhance their musical abilities and technical skills. Key responsibilities included:

- Designed and delivered beginner to intermediate guitar lessons covering open chords, power chords, and fretboard navigation.
- Created targeted exercises to improve students' muscle dexterity, strumming techniques, and rhythmic coordination.
- Developed comprehensive lesson plans focusing on pitch recognition and musical theory fundamentals.
- Built strong relationships with students and parents to support learning goals and track progress

Implemented structured teaching methods that demonstrated measurable improvement in students' musical comprehension and performance abilities.

Education

Universidade Santa Cecília

Bachelor's degree, Law · (2019 - March 2022)

Academia Lendaria

Certification, Artificial Intelligence · (May 2024)