ANDREA PAOLA TESTA

Full Stack Developer | Artificial Intelligence | Workflow Automation

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PROFESSIONAL SUMMARY

Higher Technical Degree in Data Science and Artificial Intelligence and qualification as a Computer Systems Analyst. Experience in full stack web development, application architecture, workflow automation, and generative AI solutions. Build digital products end to end, covering frontend, backend, REST APIs, data processing, automated document generation, and LLM integration. Hands-on experience with live independent projects, custom WordPress development, n8n, and AI-assisted software development.

TECHNICAL SKILLS

Programming: Python, JavaScript, PHP, SQL, HTML5, CSS3, Java, Visual FoxPro.

Frameworks and platforms: React, Vite, FastAPI, Django, WordPress, MySQL, WooCommerce.

AI and automation: LLMs (OpenAI, Claude, Gemini), OpenRouter, Prompt Engineering, n8n, REST APIs, webhooks.

Data and tools: JSON, Pandas, Power BI, ReportLab, Git, GitHub, Postman, Google Sheets, Google Colab.

SELECTED INDEPENDENT PROJECTS

MyHumanBlueprint | AI-Powered Full Stack Application

https://myhumanblueprint.app

Tech stack: Python, FastAPI, React, JavaScript, Vite, HTML5, CSS3, Swiss Ephemeris, JSON, ReportLab, LLM APIs.

- Architected and built a web platform with astronomical calculation engines for Human Design, natal charts, and relationship analysis, including personalized visualizations.
- Automated the creation of detailed PDF reports using ReportLab and structured JSON knowledge models.
- Integrated generative AI and contextual report-based chat while keeping deterministic calculations separate from AI-generated interpretation.

MyHumanBlueprint Blog | Content and Editorial Automation

https://blog.myhumanblueprint.app

Tech stack: WordPress, PHP, JavaScript, HTML5, CSS3, Google Sheets, REST APIs, LLMs.

- Developed and customized a content platform focused on digital publishing and structured topic organization.
- Designed workflows for editorial planning, AI-assisted drafting, and scheduled publishing with Google Sheets integration. Text-to-speech (TTS) features under development.

Velo Estrellado | AI-Powered Interactive Web Application

https://veloestrellado.com

Tech stack: WordPress, PHP, JavaScript, HTML5, CSS3, JSON, LLM APIs.

- Built an interactive Tarot application with multiple spreads and a structured JSON knowledge base covering 78 cards, meanings, and interpretation variants.
- Implemented custom plugins, AI-assisted readings, contextual chat, and free/premium access features.

PROFESSIONAL EXPERIENCE

Web Development, AI and Automation | Self-Employed / Freelance

2010 - Present

- Developed custom websites and digital solutions using WordPress, HTML5, CSS3, JavaScript, and PHP.
- Automated processes using n8n, webhooks, and REST APIs; integrated systems and generated operational reports.
- Applied generative AI to document processing, data extraction, and structured content generation.

Business Operations and Administration | Independent Bookstore

2018 - 2020

- Managed inventory, billing, cash flow, suppliers, and customer service.

Software Development Internship | Río Tercero Hospital

2005

- Developed appointment scheduling and reporting systems in Visual FoxPro to support hospital operations.

EDUCATION

Higher Technical Degree in Data Science and Artificial Intelligence

Instituto Superior Politécnico de Córdoba (ISPC) | 2024 - July 2026 | Completed

Computer Systems Analyst

Escuela Superior de Comercio Río Tercero | 2003 | Professional Registration CPCIPC No. 3442

Higher Technical Program in Web Development and Digital Applications

ISPC | 2023 - July 2025 | Completed second year and Programmer curriculum; degree not completed

Higher Technical Program in Software Development

Escuela Superior de Comercio Río Tercero | 2021 | First year coursework

Secondary Diploma in Business Administration and Accounting

Instituto Manuel Belgrano, Tancacha | 1994

COURSES AND CERTIFICATIONS

n8n (Codehouse, 2026) | Power BI (Coderhouse, 2025) | Full Stack Python (Codo a Codo, 2023) | Introductory Java (Coderhouse, 2023) | Manual QA Testing (Coderhouse, 2022) | Junior Full Stack Java (Codo a Codo, 2022) | #SeProgramar (2021) | Webmaster (Instituto Nobel, 2007)

LANGUAGES

Spanish: Native | English: Intermediate (B1)