

MANUEL GARCÍA-LLERA AÑÓN

Product Design Engineer

CONTACT INFORMATION

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AI & DEVELOPMENT

AI DESIGN & CODING
Codex · Claude · Gemini · Ollama
AUTOMATION
MCP · AI-assisted workflows
DEVELOPMENT & DATA
VS Code · Git · GitHub · MySQL
WEB TECHNOLOGIES
HTML · CSS · JS · TS · Angular · React · Next.js · Node.js · Three.js

DESIGN & SPATIAL SOFTWARE

PRODUCT & UX/UI
Figma · Framer · Adobe CC
Prototyping · Atomic Design
Design Systems · Research Methods
SPATIAL & 3D DESIGN
SketchUp · Twinmotion · Three.js
AutoCAD 2D/3D · Revit
Video & Presentation
Adobe Premiere · CapCut

PROFESSIONAL PROFILE

I design and build digital solutions for businesses, from problem definition to deployment. I study user needs and business goals, test ideas through prototypes, and implement design systems that give applications a consistent user experience.

I use AI in design and development, review its output, and verify that solutions work after deployment. I have 11+ years of experience in visual, spatial and brand design.

CORE SKILLS

Digital Product Design · User Research · UX/UI & Accessibility · Prototyping · Design Systems & Atomic Design · Design to Code · Web Development & Deployment · Interactive 3D & Simulation · AI-Assisted Workflows

PROFESSIONAL EXPERIENCE

PRODUCT DESIGN & ENGINEERING
LALIGA | Infrastructure Department | 06/2018 – Present | Hybrid

- Clarify **business and operational needs** and translate them into digital solutions.
- **Design interfaces and prototypes** in Figma using design systems I create.
- **Develop, deploy and verify** web applications built with React, Next.js and Node.js.
- **Build digital twins** and web simulations with interfaces I design.
- **Model, prepare and integrate** my own 3D assets with Three.js for interactive web visualization.
- **Lead and supervise** AI-assisted design and development workflows.
- **Produce visual and technical** documentation to support decision-making.

UX/UI DESIGNER (INTERNSHIP)
DIGITERA | Digital Agency | 03/2025 - 07/2025 | Remote

- **Contributed to the UX/UI redesign** of a clinical psychology website in WordPress and Elementor.
- **Conducted user research**, persona definition and heuristic evaluation.
- **Designed wireframes and interactive prototypes** in Figma using Design Thinking.
- **Applied accessibility and usability testing** methods to improve user experience.
- **Tools:** Figma, WordPress, Adobe Creative Cloud and Scrum.

PROJECT DESIGNER | INTERIOR & VISUAL DESIGN
TESESA S.L. | Interior Design Dept. | 07/2016 - 07/2017

- **Managed interior projects** from concept to execution.
- **Prepared drawings, spatial layouts** and construction documentation.
- **Designed custom furniture** and developed 3D visualizations and renders.
- **Delivered creative and functional solutions** tailored to client needs.
- **Tools:** AutoCAD, SketchUp, Photoshop, InDesign.

MULTIMEDIA & VISUAL DESIGNER
GRÁFICA86 | Creative Studio | 09/2013 - 11/2015

- **Created corporate identities** and brand systems for different clients.
- **Designed and maintained WordPress** websites, including SEO.
- **Developed campaigns, advertising materials and editorial** projects.
- **Applied brand strategies** across digital and physical media.
- **Tools:** Adobe Creative Cloud, WordPress, Illustrator and InDesign.

SELECTED PROJECTS & RESEARCH

AI-ASSISTED APPLICATIONS & DESIGN SYSTEMS. 2025–Present.
Independent multi-user, multi-tenant CRM and HUB prototypes. I created their design systems in Figma using Atomic Design and implemented them with Angular or Next.js, Node.js and MySQL using AI-assisted workflows.

DOCTORAL RESEARCH | URJC. Universidad Rey Juan Carlos. 2026–Present.
Human-Knowledge-Grounded Generative Design Systems: Models and Methods for Automated Digital Interface Generation and Evaluation.

ACADEMIC BACKGROUND

MASTER'S DEGREE:
FULL STACK DEVELOPER. 60 ECTS. (Score: 9.86/10)
UNIR. Universidad Internacional de la Rioja **& KSchool**
Madrid | 2025 - 2026 | Professional Master´s Degree.

MASTER'S DEGREE: **USER EXPERIENCE DESIGN (UX/UI).** 60 ECTS. (Score: 9.59/10)
UNIR. Universidad Internacional de la Rioja.
Madrid | 2024 - 2025 | Official Master´s Degree.

BACHELOR'S DEGREE: **INTEGRAL DESIGN AND IMAGE MANAGEMENT.** 240 ECTS.
URJC. Universidad Rey Juan Carlos.
Madrid | 2015 - 2020 | 3 Honors distinctions.

HIGHER TECHNICAL CERTIFICATE: **GRAPHIC DESIGN AND VISUAL ARTS.** 120 ECTS. EQF Level 5/6
EASD. San Telmo School (Higher School of Art and Design)
Málaga | 2010 - 2012 | Advanced Vocational Diploma

CERTIFICATIONS, PROFESSIONAL DEVELOPMENT & LANGUAGES

AGILE PROJECT MANAGEMENT COURSE
DESIGN THINKING & SCRUM. 50 hours.
UNIR. Universidad Internacional de la Rioja.
Mar 2024 – Jan 2025 | University Certificate Course

ADOBE CREATIVE ADVANCED WORKFLOW
ILLUSTRATOR, INDESIGN, PHOTOSHOP. 50 hours.
UNIR. Universidad Internacional de la Rioja.
Jan 2024 – Feb 2025 | University Certificate Course

LANGUAGE **CERTIFICATES**
English: B2 (working proficiency – certified B1 Cambridge & TOEIC)