



# Gianluca Panebianco

## Senior UX/UI Designer

Senior Designer with **over 20 years of experience** designing complex digital systems for industry.

Specializing in **MES, SCADA, and HMI** interfaces, I combine a **background in data analysis (Bachelor's Degree in Statistics)** with proficiency in web technologies and advanced 3D modeling.

I have led the design of critical solutions for multinationals in various sectors, including pharmaceuticals, automotive, and non-wovens, optimizing usability for production processes.

### CONTACTS

- Email **panebianco3d@gmail.com**
- Mobile / Whatsapp **(+39) 347.362.50.20**

### TECHNICAL SKILLS

- Design & Prototyping**  
Figma, Photoshop, Illustrator, AI Tools
- 3D & Video**  
Blender, Fusion360, Lightwave 3D, 3D Printing, Premiere, After Effects.
- Sviluppo Front-End**  
HTML5, CSS3, JavaScript, SEO Strategies.

### LANGUAGES

- Italiano ●●●●●
- Inglese ●●○○○
- Francese ●○○○○

### ATTITUDES AND SOFT SKILLS

La pratica costante di sports da combattimento quali *Kickboxing* e *Muay Thai* riflette il mio approccio al lavoro: disciplina, focus costante sull'obiettivo e resilienza nelle sfide più complesse.

### ONLINE PORTFOLIO



### LATEST WORK EXPERIENCES

▪ Apr 2005 - today

#### Taiprora Srl

Lead UX/UI Designer for industrial software for multinationals (Automotive, Pharmaceutical): design of MES, SCADA, HMI platforms and systems.

[www.taiprora.it](http://www.taiprora.it)

▪ Oct 2000 - today

#### Freelance

3D Designer and vector artist for international 3D modeling and prototyping projects. Development of web platform and digital strategies for SMEs and agencies.

[www.panebianco3d.com](http://www.panebianco3d.com)

### STUDIES

▪ 2003

#### Bachelor's Degree in Statistics

*Teramo University (Italy)*

▪ 2013

#### Web Marketing Specialist

Madri Internet Marketing

### CORE SKILLS

- Industrial UX/UI:**  
Workflow design for manufacturing and quality control software.
- Data-Driven Design:**  
Statistical analysis applied to User Research to guide objective and measurable design choices.
- Full-Stack Lite:**  
Front-End development (HTML/CSS/JS).
- 3D Prototyping:**  
Hard surface modeling and engineering for 3D production and printing.
- Technical SEO & Marketing:**  
Organic positioning and lead generation strategies for the B2B sector.

### SOME CUSTOMERS / BRANDS



# Gianluca Panebianco

## Senior UX / UI Designer

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✉ panebianco3d@gmail.com  
📍 Pescara (PE) ITALY

[Portfolio](#) | [Linkedin](#) | [Youtube](#)



## CORE SKILLS

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### Industrial UX/UI & HMI Design

User-Centered Design for Industry 4.0, Information Architecture for Complex Systems, MES/SCADA Design, Cognitive Ergonomics for Line Operators.

**Tools:** *Figma, Adobe XD.*

### Advanced 3D Modeling & Prototyping

Hard Surface Modeling of Collectibles and Engineering for Production (Splitting/Tolerances), Mesh Optimization for Web/Real-Time (Three.js), 3D Printing (FDM/Resin).

**Tools:** *Blender, Lightwave 3D, Chitubox Slicer.*

### Data Science & Digital Strategy

Statistical Analysis Applied to UX, Data Visualization, Technical SEO, B2B Digital Marketing Strategies.

**Tools:** *Excel (Advanced), Google Analytics/Search Console, Mailchimp.*

### Development & Creative Suite

Front-end development (responsive design), Three.js integration, video editing for technical tutorials or product presentations.

**Tools:** *HTML5, CSS3 (Sass), JavaScript, Adobe Creative Cloud (Photoshop, Illustrator, Premiere, After Effects).*

## PROFESSIONAL PROFILE

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Senior Designer with over **20 years of experience** in critical Industry 4.0 systems.

Specializing in **MES, SCADA**, and **HMI** interfaces for global leaders such as **Honda, Pfizer**, and **Technogym**, I combine a solid **background in statistics** with mastery of **advanced 3D** and **front-end development**.

My goal is to transform complex data, requirements and scenarios into intuitive, highly reliable solutions, integrating technical precision and strategic vision on an international scale.

*Available for full-time or part-time collaborations in Full Remote, Hybrid, or in-person modes in the Pescara area.*

## WORK EXPERIENCES

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*April 2005 – Today*

### Senior UX/UI Designer & Lead Digital Specialist | Taipra Srl

Responsible for the design of complex software systems for industry, from user research to front-end development supervision.

- **Lead Industrial Design (2006 – Today):** Focus on **Industry 4.0**. Design of MES, SCADA, and HMI interfaces for large plants. Result: Process standardization and a 30% reduction in interface development time.
- **Digital Strategist & Web Architect (2009 – Today):** Web and management platform design. Implementation of SEO strategies for the international market (EMEA/APAC).

*2000 – Today*

### Freelance

Web Designer, 3D & Vector Graphic Specialist: Website and Asset Development for Communications Agencies and Companies.

## STUDIES

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- **Bachelor's Degree in Statistical Sciences**

University of Teramo  
(Applied Quantitative Methods)

- **Web Marketing Specialist**

Madri Internet Marketing Certification (SEO & Information Architecture)

## LANGUAGES

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- Italian (native language)
- English: B1+
- French: A1

## SOFT SKILLS

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- **Stakeholder Management**

I act as a "strategic bridge" between client needs and the development team, translating industrial requirements into intuitive design solutions and ensuring alignment between business needs and technical feasibility.

- **Problem Solving**

Designing solutions in highly critical contexts (automotive, pharma). I design interfaces where usability and precision are essential for operational continuity and production process safety.

- **Autonomy and Discipline**

Complete management of the design cycle, from research to prototype. I combine statistical rigor and martial arts discipline to ensure consistency and a results-oriented approach.

## EARLY CAREER & DIGITAL EVOLUTION (1998 – 2005)

*During this phase, I consolidated the foundations of interactive design and data management, moving from vector graphics to web design for international brands.*

- 2000 – 2005  
**Web & Digital Design Specialist**  
*Blu Italia, Oiko Srl & Freelance*

Web interface design, 3D assets, and interactive content (Flash/Vector) for communications agencies and companies. Focus on the fusion of aesthetics and technical functionality.

- 1998 – 2000  
**Corporate & Data Foundations**  
*Fater Spa (P&G Group) & University of Teramo*

Fater Spa: Operational support in the Human Resources Office, interfacing with the dynamics of a large multinational company.

University of Teramo: Assignment in the Data Processing Office (Scholarship), focusing on data processing and university information systems.

## CLIENTS PORTFOLIO & CASE STUDIES

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Clients for whom I have developed solutions include:



## CASE STUDIES

Here are some relevant case studies:

### SCADA Web 3D

Development of an IIoT platform with Three.js integration for real-time 3D asset visualization in a browser. Adaptive interface (Backoffice/Tablet) that simplifies operational monitoring and plant configuration.

*Role: Lead UX/UI, 3D Web Dev and Front End Web Dev.*

## INTERESTS & BACKGROUND

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- **Content Creation**

Ho un canale Youtube dove mi diverto a fare divulgazione su Modellazione e stampa 3D, CGI, retrogaming, ecc.

- **Kickboxing & Muay Thai**

Practicing these combat sports has consolidated values of discipline, stress management, and goal-focus, which I apply every day in my professional problem-solving.

- **Traveling**

Passion for exploration and discovery of new realities; travel is a tool for growth, enriching my design vision and ability to adapt to daily challenges. My personal blog: [MappeDiViaggio](#) | [Link](#)

- **Social Commitment**

Active supporter of humanitarian organizations ([Emergency](#), [Greenpeace](#), [Save the Children](#)); regular blood donor for [FIDAS](#).

- **Pop Collectibles**

International classic robotics modeling (Anime Mecha Design).

### **WMS Industrial System** | [Link](#)

Redesign of legacy systems for automated warehouse management. Optimized cognitive load for operators and scalable architecture, successfully replicated in the food, fashion, and tissue industries. *Role: Lead UX/UI Designer*

### **Statua Mazinga Z (HLPro Giappone)** | [Link](#)

*Hard Surface* modeling and engineering for limited series printing of a 50cm statue of the iconic Mazinga Z robot. International success in "high-end" collecting thanks to the millimetric precision of the joints and production files. *Role: 3D Modeler & Engineering*

### **Prod & Pack Planner (Food Industry)** | [Link](#)

Design of a web application for production and packing planning. Interactive Gantt chart management to simplify complex decision-making processes in high-volume industrial environments. *Role: Lead UX/UI Designer e Front-End Web-Dev*

### **HMI Smartplant (Automotive)** | [Link](#)

Touchscreen HMI system design for **Porsche**, **Mercedes**, and **Maserati** component assembly lines. Focus on execution speed and zero-error UX standards for the luxury sector. *Role: Lead UX/UI Designer*

### **Price Survey (Fashion Luxury)** | [Link](#)

Web app dedicated to global price comparison analysis. Information architecture optimized for diverse international markets, with a minimalist aesthetic consistent with the brand's identity. *Role: UX Analyst & UI Designer*

### **WMS Supervisor (Pharma)** | [Link](#)

Supervisory interface for stacker cranes and automated pharmaceutical warehouses. Designed to meet rigorous safety and data traceability standards in critical, regulated environments. *Role: SCADA UX Designer*

### **MES + HMI Webapp (Fitness)**

Web platform for total production output monitoring (OEE) and quality control. The perfect balance between aesthetics and technical performance for intensive industrial monitoring. The same platform also provides an HMI system to assist operators during the kitting, assembly, and product testing phases. *Role: Lead UX/UI Designer & Front-End Developer*

*I authorize the processing of my personal data pursuant to Legislative Decree 196 of June 30, 2003, and Article 13 of the GDPR (EU Regulation 2016/679) for the purposes of personnel recruitment and selection.*