

# MATTIA QUARTANA

UX/UI DESIGNER × FRONT-END DEVELOPER

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Designer who ships. 4+ years across interaction design, visual identity and **React product development** — from user research and high-fidelity Figma prototypes to production **React/TypeScript** interfaces. MSc in Human-Computer Interaction, peer-reviewed research in haptic & multisensory design. **Available to relocate.**

## ■ EXPERIENCE

### Product Designer & Analyst

**University of Tokyo & University of Tsukuba** *Tsukuba, Japan · Apr-Jul 2024*

- ▶ Led an **MR research project** — prepared for SIGGRAPH Asia 2024 submission, presented at **AsiaHaptics 2024** — contributing to **\$700K/yr research funding**.
- ▶ Co-authored a **peer-reviewed paper** on UX research & design methods.
- ▶ Ran A/B tests, surveys and prototype evaluations to validate design choices.

### Product Manager & Designer

**Flashka — AI study platform** *Estonia (Remote) · Sep 2023 – Mar 2024*

- ▶ Scaled to **1,800+ users in 10+ countries** with **24% Week-1 retention** in stealth; one of 4 founding members.
- ▶ Secured **seed funding** via Bocconi University's accelerator with investor-ready decks.
- ▶ Compressed design-to-dev into **1-week iterations** across UX, gamification and engineering (Figma, Miro, Notion).

### Product Designer

**Freelance** *Tallinn, Estonia (Remote) · Mar 2023 – Jan 2024*

- ▶ Interaction & visual design across multiple platforms — Figma, Adobe Suite, Affinity; high-fidelity prototypes for usability testing.

### Product Designer

**TEDxBrixen** *Bressanone, Italy · Mar-May 2022*

- ▶ Full UI overhaul that **improved usability by 75%**, validated via user testing (Figma, GA, WordPress, Divi).

### Product Designer (Internships x2)

**Connected Reality** *Bolzano, Italy · Oct 2020–Feb 2021 & Jan–Feb 2022*

- ▶ UX & design of **WineHunterHub** (company ~\$2M/yr) — usability testing and visual refinement.
- ▶ UX/UI for **Virtual Reality** platforms and software (Unity, UCD).

### Data Entry & Workflow Specialist

**Forteam / Province of Bolzano** *Bolzano, Italy · Mar–Sep 2025*

- ▶ Built **automation scripts** and led platform migration (GoHighLevel) across 4 government databases with high accuracy on sensitive records.

### Volunteer Speaker — MeasureCamp Sydney 2025

**Working Holiday** *Australia · Oct 2025 – Present*

- ▶ Facilitated a community workshop on the intersection of **UX research and digital analytics**.

## ■ SELECTED PROJECTS

### Photography Portfolio

**AI-Driven React Development** *react · vite · typescript*

- ▶ Cinematic transitions (GSAP, Framer Motion), TanStack Query + Zod, CI/CD on GitHub + Vercel.

### Footbath

**XR Wellness Prototype** *meta quest · c# · arduino*

- ▶ Full-body & eye-tracking research; attention hotspot analysis; data validation supporting **\$700K/yr funding**.

### Vreha

**XR Physiotherapy Monitoring Tool** *brand identity · vr ui*

- ▶ Full visual identity + UI across VR and desktop; custom clinical iconography.

## DESIGN

Figma · Prototyping · Wireframing · Interaction Design · User Flows · IA · Design Thinking · UCD · WCAG · Adobe Ai/Ps · Affinity

## FRONT-END

React · TypeScript · JavaScript · HTML/CSS · Tailwind · Vite · GSAP · Framer Motion · GitHub · Vercel · CI/CD

## UX RESEARCH

Usability Testing · Interviews · Heuristic Evaluation · A/B Testing · GA4 · PostHog · Journey Mapping · Personas

## SYSTEMS & TOOLS

Design Systems · UI Patterns · Component Libraries · Style Guides · Agile/Scrum · Jira · Miro · Notion

## EMERGING TECH

XR / MR · OpenXR · Unreal Engine 5 · Unity · Blender · AI Prompt Engineering · Haptics · Data Viz

## LANGUAGES

**Italian** ●●●● Native

**English** ●●●● C1

**German** ●●●● B1

## EDUCATION

**2022 – 2025**

**MSc Human-Computer Interaction**

Tallinn University, Estonia

**2024**

**Exchange Research Program**

Tsukuba University, Japan

**2017 – 2021**

**BA Industrial & Graphic Design**

IUAV University, Venice, Italy

## CERTIFICATIONS

Google UX Design Professional Certificate (v3)

Professional Certificate in XR · AI-Powered UX Writing · Ethics in Design · JS Algorithms & Data Structures · Sustainability-Oriented Design · NASA Open Science Data