# Vito Esposito

UX Engineer

Cerignola (FG), Apulia, Italy
(+39) 340 15 82828 - info@vitoesposito.it
linkedin.com/in/vitoespo / blog.vitoesposito.it

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## INTRODUCTION

Product-focused builder with deep expertise spanning visual design, user experience, and modern web engineering. Specialized in bridging the gap between design and code, driving end-to-end development from initial concept (Figma) to scalable implementation (Next.js, Node.js). Leveraging a background in the arts for high-quality interface design and a strong engineering mindset for robust, maintainable architecture. Proven ability to deliver responsive and efficient digital solutions in Agile environments, including containerized deployment and team mentoring.

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## TECHNICAL SKILLS

- **Frontend & Mobile:** TypeScript, JavaScript (ES6+), React, Next.js, Angular, Astro, Tailwind CSS, HTML5/Sass.

- **Backend & Database:** Node.js, NestJS, Express, PostgreSQL (Drizzle ORM), REST APIs, GraphQL.

- **DevOps & Tools:** Docker, Git (GitHub/GitLab), CI/CD (GitHub Actions), MinIO, Linux Administration, Nginx.

- **Design & UX:** Figma, Adobe Creative Suite (Ps, Ai, Ae), UI Prototyping, Responsive Design, User Flows.

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## SOFTWARE PROJECTS

**DuoSync** | *Full-Stack Developer & Designer*

- Architected a progressive web app (PWA) using **Next.js 16** and **PostgreSQL** to synchronize schedules for groups of up to 10 users.

- Implemented complex logic for recurring appointments and cross-referencing availability, replacing manual coordination efforts.

- Designed a mobile-first UI with dark mode support and integrated push notifications.

**WolfDen Manager** | *End-to-End Product Engineer*

- Engineered a cross-platform desktop application using **Electron** and **Next.js** to manage LAN center operations.

- Migrated a legacy Java system to a modern stack, introducing advanced timer management, session persistence, and keyboard shortcuts, significantly improving staff efficiency.

**VirtualCard** | *Lead Developer & Designer*

- Developed a containerized platform for digital business cards using **Angular 19** and **NestJS**.

- Implemented Role-Based Access Control (RBAC) via JWT and automated image optimization pipelines using MinIO and Docker.

## PROFESSIONAL EXPERIENCE

**VIVASI SRL (StampaSi)** | Milan, Italy (Hybrid) **UX Engineer & Frontend Developer** | *Nov 2023 – Present*

- Lead the frontend development and UI design for internal enterprise tools, including HR shift management systems and product import pipelines.

- Collaborate within an Agile team to maintain and refactor legacy PHP applications while introducing modern **TypeScript** standards.

- Orchestrate the deployment environment using **Docker** and Proxmox, managing network configurations and version control workflows to ensure code resilience.

- Mentor junior team members on UI best practices and bridge the communication gap between stakeholders and the technical team.

**FREELANCE** | Italy (Remote) **Digital Product Consultant** | *Mar 2022 – Nov 2023*

- Delivered custom web solutions for private clients, focusing on engagement optimization and marketing funnel integration.

- Managed the full product lifecycle from UX research and wireframing in **Figma** to frontend implementation and deployment.

- Combined graphic design expertise with modern web technologies to create high-impact, responsive interfaces.

**PUBBLITEK SRLS** | Foggia, Italy **Production Manager** | *Jul 2021 – Mar 2022*

- Directed the adoption of new technologies to automate printing workflows, reducing manual errors and increasing production speed.

- Coordinated production schedules and managed resource allocation to meet tight deadlines.

**EARLY CAREER (Graphic Design & Pre-press)**

- **Printek 2.0 / Ciemme Labels:** Gained solid foundation in technical graphic design, offset printing processes, and industrial production standards (2017 – 2021)

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## EDUCATION

- **Academy of Fine Arts** | Foggia, Italy *Bachelor's Degree in Applied Arts & Design* | *Graduated with Honors (110/110 Cum Laude)*

- **Sacro Cuore Art High School** | Cerignola, Italy *High School Diploma in Graphic Design* | *Score: 100/100*

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## PROFESSIONAL CERTIFICATIONS & CONTINUOUS LEARNING

Google UX Design Professional Certificate (Coursera), Next.js 15 & React - The Complete Guide (Udemy), Angular - The Complete Guide (Udemy), GitHub Actions - The Complete Guide (Udemy), Understanding TypeScript (Udemy), JavaScript Data Structures & Algorithms (Udemy), Programming with JavaScript (Coursera), PHP 8 & mySQL (Udemy), Build dynamic User Interfaces (UI) for Websites (Coursera), Design a User Experience for Social Good (Coursera).