



ZERTIT DORSANE

UI/UX Designer • Backend Developer • Full-Stack Engineer

📍 Constantine, Algeria | 📞 +213 699 48 34 88

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[Portfolio](#) • [GitHub](#) • [LinkedIn](#)

PROFESSIONAL SUMMARY

Hybrid designer-developer crafting end-to-end digital products — from user research and Figma prototypes to production-ready code. Daily practice in UI/UX design (Figma, design systems, accessibility) combined with full-stack development (Python/Django, Node.js, React, Next.js). 10+ shipped web products including AI-powered education platforms and hackathon platforms. Engineer by training (State Engineer in Biotechnology), I bring rigor and methodology to creative work. Leader of TechWaves ENSB and Huawei Ambassador, comfortable in cross-functional teams where design meets engineering.

Why a Hybrid Profile?

Most products fail at the design-engineering handoff. I close that gap — I design with developers in mind, and I code with users in mind. One brain, two skill sets, fewer translation losses.

UI/UX DESIGN EXPERTISE

Design Process

- **Discovery & Research:** Stakeholder interviews, competitive analysis, user interviews, contextual inquiry
- **Define:** Personas, empathy maps, user journey maps, jobs-to-be-done framework
- **Design:** Information architecture, user flows, wireframes (low-fi → high-fi), interactive prototypes
- **Validate:** Usability testing, heuristic evaluation, accessibility audits, design iteration

Design Systems & Visual Craft

- **Foundations:** Color systems (semantic tokens), typography scales, spacing systems (4pt/8pt grid)
- **Components:** Atomic design methodology, reusable Figma libraries with auto-layout & variants
- **Accessibility:** WCAG 2.1 AA compliance, keyboard nav, screen reader support, RTL (Arabic)

UI/UX Tools

- Figma (advanced — auto-layout, components, variants, prototyping, Dev Mode), Adobe XD, Photoshop, Illustrator, FigJam, Miro

BACKEND & FULL-STACK DEVELOPMENT

Backend

- **Languages:** Python, JavaScript, Node.js, SQL
- **Frameworks:** Django, Express.js, Next.js (API routes)
- **APIs:** REST API design, authentication, request/response handling, error management
- **Databases:** PostgreSQL, MySQL, MongoDB — schema design, queries, optimization

Frontend Development

- **Languages:** HTML5, CSS3, JavaScript (ES6+), TypeScript (basics)
- **Frameworks:** React, Next.js, Tailwind CSS

- **Direct implementation:** Capable of shipping my own designs from Figma to production code

DevOps & Tools

- **Version Control:** Git, GitHub (branching, PRs, code review)
- **Deployment:** Vercel, Netlify, basic Docker
- **Currently learning:** Java fundamentals, Spring Boot, TensorFlow

PROFESSIONAL EXPERIENCE

UI/UX Designer & Full-Stack Developer | [Badis AI — ActivMaths](#)

2024 – Present

Remote • EdTech AI startup

- Lead end-to-end product design: user flows, wireframes, high-fidelity Figma mockups, Figma component library.
- Implement designs in React with strict accessibility and responsive standards.
- Contribute to backend logic and API integration with the AI team.
- Run informal usability sessions with teachers and iterate based on feedback.

Live: dourous.activmath.dz

Project Manager & Designer | [Tareek AI](#)

2024 – Present

Part-time • Remote

- Coordinate multidisciplinary teams: design, development, AI integration, product strategy.
- Define UX requirements, write design briefs, review deliverables before development handoff.

Web Designer & Developer | [SARL Casa International](#)

May 2024 – Present

Algeria • Multi-industry client work

- Design and ship complete web experiences end-to-end: brand identity, UI design, responsive code, deployment.
- Lead client discovery workshops to translate business goals into design briefs.

Graphic Designer | [Armada.com](#)

Dec 2023 – Apr 2024

Batna, Algeria

- Produced brand assets, marketing visuals, and digital communications for B2B clients.

Sales & Brand Designer | [Algeria Cyber Market](#)

Sep 2023 – Dec 2023

Algiers, Algeria

- Combined commercial outreach with visual design support for marketing campaigns.

UX CASE STUDIES

Case Study 1 — ActivMaths Teacher Dashboard

- **Challenge:** Algerian math teachers needed to track 30+ students' progress without spreadsheets, with limited time and varying digital literacy.
- **Research:** Informal interviews with teachers; identified they checked progress between classes (2-5 min windows).
- **Design:** Glanceable dashboard with progress badges, color-coded urgency, single-tap drill-down. Mobile-first.
- **Outcome:** Live in classrooms; teachers identify struggling students within seconds.

→ dourous.activmath.dz

Case Study 2 — BIOVATECH Hackathon Platform

- **Challenge:** Convert visitors into team registrations across diverse audiences (biotech students, devs, designers).
- **Research:** Benchmarked 8 hackathon sites; mapped user fears ("is this for me?", "do I need a team?").
- **Design & Build:** Bold hero with clear value proposition, modular sections per audience, single-CTA registration flow. Designed in Figma, built in HTML/CSS/JS, deployed on Vercel.

- **Outcome:** 100+ participants registered for the event.

→ biovatechhackathon.vercel.app

Case Study 3 — Personal Portfolio — Biotech Meets Tech

- **Challenge:** Communicate a hybrid identity (engineer + designer + developer) without confusing recruiters.
- **Design:** Dual-narrative architecture; project cards designed for skimmability; visual system bridging scientific precision and design warmth.
- **Stack:** Next.js, Tailwind CSS, fully responsive, deployed on Vercel.

→ v0-portfolio-biotech31-gamma.vercel.app

ADDITIONAL PROJECTS (10+ DEPLOYED)

- **E-commerce Design & Dev:** Fourniro Salon, NorthStar Fashion, Buy Your Plant, Sofa Fournitures — full UI/UX from research to deployment.
- **Showcase Sites:** Idak Car (automotive), Pisca (medical product), Carl Dor Broderie (artisanal) — branding + responsive web tailored per industry.
- **UI Experiments:** Modern login interface, Adidas clone (responsive system study), To-Do app with thoughtful empty states & micro-interactions.
- **Stack:** Figma → HTML/CSS/JS or React → Netlify/Vercel deployment.

All projects on [GitHub](#) and [my portfolio](#)

LEADERSHIP & COMMUNITY

Leader — TechWaves Club | [ENSB](#) 2023 – Present

- Direct a student tech community: workshops on design & dev, hackathons, partnerships.

Huawei Ambassador | [Constantine](#) 2024 – Present

- Lead Huawei student initiatives and campus activations.

Ambassador | [Skills Area Club \(Egypt\)](#) 2023 – Present

- Cross-border representation in an international student skills community.

Google Tools Manager | [GDSC ENSB](#) 2023 – 2024

- Trained peers on Google developer tools and prototyping workflows.

Organizer | [Constantine Disrupt Hackathon \(CSE\)](#) Oct 2024

- Coordinated logistics and participant experience for a regional hackathon.

EDUCATION

Master's Degree — Biotechnology & Health | [Higher School of Biotechnology, Constantine](#) 2021 – 2026

- Specialization in health biotechnology; final-year research on biosensors.

State Engineer Degree — Biotechnology | [Higher School of Biotechnology, Constantine](#) 2021 – 2026

- Engineering curriculum with components in scientific computing, data analysis, and Python.

Cell Culture & Biosafety Training | [CRBT, Constantine](#) 2022 – 2023

LANGUAGES

- **Arabic:** Native
- **French:** Fluent (C1)

- **English:** Professional working proficiency (B2)
- **Turkish:** Intermediate (B1)