

ANES ZEYOUR

AI Engineering | Full Stack Developer | WebGL Specialist

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PROFESSIONAL SUMMARY

AI-focused Full Stack Developer and WebGL Specialist building agentic applications, multi-agent systems, and interactive 3D experiences. Develops LLM-powered assistants, n8n workflows, intent routing, specialist handoffs, conversational memory, tool calling, and API-grounded responses. Combines React, Next.js, Three.js, and backend engineering with hands-on work in orchestration, error handling, workflow debugging, and latency optimization. Fourth-year Computer Science student at ESI Algiers.

CORE SKILLS

AI Engineering: Agentic AI, multi-agent system design, LLM integration, intent routing, specialist handoffs, tool calling, conversational memory, structured inputs/outputs, prompt engineering

Orchestration & Retrieval: n8n, REST/webhook integrations, response grounding, fallback handling, RAG, embeddings, vector databases, LangChain, LangGraph

Frontend: React, Next.js, TypeScript, JavaScript, Tailwind CSS, TanStack Start/Router/Query, React Hook Form, Zod, Zustand, Radix UI

3D & Animation: Three.js, WebGL, GSAP, Blender, Rapier.js, Framer Motion

Backend & Data: Node.js, Express.js, REST APIs, Prisma ORM, PostgreSQL (Neon), MongoDB, Firebase, authentication, role-based access

Tools & Deployment: Git/GitHub, Docker, WSL2, Vercel, Cloudflare Workers; workflow debugging and latency analysis

Languages: Arabic: Native | French: Intermediate | English: Fluent

PROFESSIONAL EXPERIENCE

Freelance Full Stack Web Developer | Algeria / Remote

- Deliver full-stack client projects from responsive frontend implementation through API, database, authentication, and deployment workflows.
- Build administration interfaces and database-backed features with React, Next.js, Node.js, Prisma, and relational databases.
- Create interactive 3D web experiences using Three.js, WebGL, GSAP, Blender assets, and Rapier.js physics.

Digitalizi Agency | Member - Web Development Services

- Coordinate technical scoping and frontend/backend implementation for client websites and web applications.

SELECTED PROJECTS

Agentic AI Customer Support - n8n Multi-Agent Workflow | Gemini, n8n, intent routing, specialist handlers, REST APIs, Telegram

- Built an n8n-based routed customer-support workflow with intent classification, product/order/FAQ specialist paths, escalation, and a shared response flow.
- Passed structured customer context and extracted product queries or order numbers to the relevant handlers, with fallback handling and API-grounded responses.
- Connected a Telegram store assistant to product retrieval tools and analyzed repeated LLM/tool calls to refine prompts and reduce unnecessary execution and latency.

E-SHOP - Premium E-Commerce Platform & Multi-Agent Marketing System | TanStack Start, React, TypeScript, Prisma, Neon PostgreSQL, Tailwind CSS | elevate-brand-platform.vercel.app

- Developed a database-backed storefront and admin foundation for products, categories, collections, variants, sizes, authentication, and product APIs.
- Built structured product personalization and bulk-order flows covering print areas, names, numbers, logos, and pricing tiers.
- Designed a multi-agent marketing campaign system within the e-commerce platform to coordinate campaign-oriented AI tasks and automation workflows.

AT Internship Portal - HR Management System | Next.js, React, TypeScript, role-based access, email notifications | algeriatelecomgs.dev

- Built candidate management, mentor assignment, school/topic tracking, progress dashboards, and automated email updates for internship-related HR workflows.

3D Body Area Mapper - Interactive Health Analytics | Three.js, WebGL, Blender, surface-area calculation | 3d-painting.vercel.app

- Developed a tool for painting regions on a human model and calculating colored surface coverage in percentages and square centimeters, with dynamic measurements.

EDUCATION

École Nationale Supérieure d'Informatique (ESI), Algeria | Computer Science

- Fourth-year student; coursework in algorithms, databases, operating systems, networking, and artificial intelligence.

CERTIFICATIONS, PROGRAMS & AFFILIATIONS

Algérie Télécom | Former Intern

- Completed an internship with exposure to enterprise IT workflows and web development; developed an internship management portal supporting HR processes.

Prodigy Developer Program

- Collaborative development, problem solving, frontend architecture, and agile workflows.