

AHMED BRAIEK

Full-Stack Developer · AI Integration Specialist · Web Scraping Engineer

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PROFESSIONAL PROFILE

Innovative Full-Stack Developer with 6+ years of hands-on experience engineering intelligent digital solutions across SaaS, ERP, POS systems, AI-powered platforms, and immersive tech. I have successfully delivered 52+ projects for 40+ clients worldwide — from natural language ERP chatbots to peer-to-peer rental marketplaces, full café ordering ecosystems, and AI tourist guide NPCs. I bridge creativity with technical precision: pixel-perfect UIs, robust backend APIs, cross-platform mobile apps, 3D visualizations, and machine learning integrations. Known for rapid execution, strong client communication, and a deep passion for building products that genuinely move the needle.

52+

Projects Delivered

40+

Global Clients

23

Certifications

CORE COMPETENCIES

Languages: PHP · JavaScript (ES6+) · Python · SQL · Dart

Frontend: React.js · Next.js · Tailwind CSS · Bootstrap · jQuery · HTML5 · CSS3

Backend: Node.js · PHP · REST API Design · Custom Algorithms · Server-Side Rendering

Mobile: Flutter — cross-platform iOS & Android

3D & Graphics: Three.js · WebGL · 3D Model Integration

Databases: MySQL · SQL · Database Architecture · Query Optimization

AI & ML: TensorFlow · PyTorch · OpenAI API · Claude API · NLP · Computer Vision · Generative AI · Chatbot Development

Web Scraping: Custom Scrapers · Data Extraction Pipelines · Web Cloning · Business Intelligence

Tools & Deployment: Git · GitHub · Vercel · QR Systems · RBAC · SEO · UI/UX Design · Digital Ocean

PROFESSIONAL EXPERIENCE

Freelance Full-Stack Developer & AI Integration Engineer

Self-Employed — Remote | Sousse, Tunisia 2019 – Present

- Delivered 52+ end-to-end web and mobile projects for 40+ clients globally across SaaS, ERP, POS, e-commerce, AI platforms, and peer-to-peer marketplaces.
- Built ERP systems with embedded AI chatbot interfaces converting natural language to database queries — making enterprise tools accessible to non-technical users.
- Developed full-stack applications using PHP, Node.js, React.js, Next.js, and Flutter with RESTful API layers and role-based access control.
- Integrated OpenAI GPT, Claude, NLP, and computer vision APIs into production applications for automation, visual search, and conversational interfaces.
- Engineered voice-interactive NPC AI systems for immersive tourism and educational experiences supporting multiple languages.
- Built peer-to-peer marketplace platforms, QR-based ordering systems, real-time POS dashboards, and 3D interactive learning tools.

- ▶ Managed complete project lifecycles from requirements gathering and UI/UX prototyping through development, testing, and cloud deployment.

AI Model Developer — Self-Directed R&D

Personal Projects / Research 2022 – 2024

- ▶ Trained custom ML models using TensorFlow and PyTorch for computer vision (fire detection) and NLP (conversational agents) applications.
- ▶ Built a real-time fire detection system scanning CCTV feeds and broadcasting emergency alerts across local WiFi networks.
- ▶ Developed multi-language voice-interactive NPC pipelines for AI tourist guide systems.

Hackathon Competitor & Tech Innovator

National & Regional Competitions 2018 – Present

- ▶ Competed in multiple hackathons, delivering functional MVPs in 24–48 hours.
- ▶ Built Sale Scanner AI — computer vision product search tool — recognized at national hackathon level.

FLAGSHIP PROJECTS

ERP AI Chatbot Module gestcom.braiek.com

Stack: PHP · SQL · JavaScript · Bootstrap · OpenAI NLP API

- ▶ Natural language chatbot interface built into a commercial ERP system — converts plain-text user queries into database commands and SQL operations without requiring any technical knowledge.
- ▶ Delivers a full business statistics dashboard alongside conversations, allowing managers to query KPIs and business data through simple chat.
- ▶ Deployed as a live module within a commercial management suite currently serving SMB clients.

Qahwa Platform — Café POS & Ordering Ecosystem

Stack: React.js · Node.js · Flutter (Mobile) · SQL · QR System · REST API

- ▶ Complete café management ecosystem: QR-based customer ordering at the table, real-time order tracking, and a Flutter mobile staff app with role-based access (cashier, barista, admin).
- ▶ Admin dashboard covers menu management, real-time order queues, shift reporting, and sales analytics across 40+ screens.
- ▶ Designed to replace fragmented POS setups with a single unified platform tailored for café operations.

Prodifly Plus — AI Product Image Enhancement prodiflyplus.vercel.app

Stack: Next.js · AI Image Generation APIs · Vercel

- ▶ AI SaaS platform enabling e-commerce merchants to upload raw product photos and receive professional, sales-ready visuals in minutes — cutting photography costs by up to 80%.
- ▶ Designed for solo sellers and small e-commerce brands who lack budget for professional photography studios.

FactScanner — AI Invoice Digitization factscanner.vercel.app

Stack: Next.js · AI Vision / OCR APIs · SQL

- ▶ AI-powered invoice scanning SaaS that extracts data from uploaded invoices, validates tax compliance, and organizes financial records automatically.
- ▶ Eliminates manual data entry for SMBs with structured export, multi-client management, and compliance error detection.

Rented — Peer-to-Peer Rental Marketplace

Stack: React.js / Next.js · Node.js · SQL · Geolocation APIs

- ▶ Full peer-to-peer rental marketplace for the Tunisian market connecting people who need items with those who have them sitting unused — tools, electronics, event gear, and more.
- ▶ Supports hourly and daily rentals with listing management, availability calendars, geo-based discovery, and in-app communication.
- ▶ Built to unlock value from idle assets and make equipment access affordable without ownership.

MechaScan AI — 3D Interactive Learning Platform mechascan.vercel.app

Stack: Next.js · Three.js · WebGL · AI API

- ▶ Educational platform combining real-time 3D mechanical machine visualization with AI-driven explanations for students, educators, and engineers.
- ▶ Users interact with 3D models, inspect components in detail, and receive AI-generated breakdowns of mechanical principles — built for STEM institutions and engineering programs.

Nexora — AI-Powered Immersive Tourist Guide

Stack: *React.js / Next.js · NLP Voice API · Multi-language AI · 3D/AR Integration*

- ▶ AI tourist guide with a voice-interactive NPC — visitors ask naturally for directions, history, and recommendations and the NPC physically guides them to landmarks in multiple languages.
- ▶ Fills the gap between passive audio guides and a truly live, personalized on-site experience — designed for heritage sites, museums, and city tourism.
- ▶ Multilingual NLP pipeline supports seamless language switching for international visitors.

Commercial Management Suite (ERP) gestcom.braiek.com

Stack: *PHP · SQL · JavaScript · Bootstrap*

- ▶ Four-module ERP covering commercial management, cash management, inventory tracking, and business reporting for SMB clients.
- ▶ Role-based access control, real-time dashboards, stock alerts, and financial reporting across multiple operational units.

EDUCATION

Licence in Information Systems Development (DSI)

Institut Supérieur des Études Technologiques de Sousse (ISETSO) | 2024 – Expected 2027

CERTIFICATIONS — 23 TOTAL

AI & ML: AI Generative Certified · TensorFlow & PyTorch Model Training

Backend: Backend Developer JS · Node.js · PHP Certified · Python Certified · Python Data Structures

Frontend: JavaScript Developer · jQuery · CSS · HTML · Responsive Design · JS Game Development

Database & Marketing: SQL Certified Professional · Google Digital Marketing · Marketing Coding Certified

LANGUAGES

Arabic: Native **French:** Professional **English:** Professional

ADDITIONAL INFORMATION

- ▶ 52+ projects delivered for 40+ clients globally across SaaS, ERP, POS, AI, e-commerce, and marketplace verticals.
- ▶ Upwork freelancer: [upwork.com/freelancers/ahmedb253](https://www.upwork.com/freelancers/ahmedb253) — strong client satisfaction and repeat engagement record.
- ▶ Official website creator for Tunisia Game Show — a major national gaming event featuring renowned celebrities.
- ▶ Hackathon competitor since 2018; consistently builds functional MVPs under extreme time constraints.
- ▶ Self-directed learner — 23 professional certifications acquired independently alongside client delivery.