

AHMED BRAIEK

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

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PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with 6+ years of experience delivering 52+ web applications and digital solutions for 40+ clients globally. Specializes in AI integration, scalable SaaS platforms, ERP systems, POS ecosystems, and immersive tech experiences. Proficient in PHP, JavaScript, Node.js, React.js, Next.js, Python, and SQL. Experienced in building production-grade AI-powered products, real-time systems, 3D interactive platforms, and peer-to-peer marketplaces. Hackathon competitor since 2018. Holder of 23 professional certifications.

TECHNICAL SKILLS

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

Frontend: React.js, Next.js, Tailwind CSS, Bootstrap, jQuery, AJAX, 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 & Machine Learning: TensorFlow, PyTorch, OpenAI API, Generative AI, NLP, Computer Vision, AI Chatbot Development

Web Scraping: Custom Scraping Pipelines, Web Cloning, Business Intelligence Data Extraction

Tools & Deployment: Git, GitHub, Vercel, Digital Ocean, QR Systems, Role-Based Access Control, SEO, UI/UX Design

PROFESSIONAL EXPERIENCE

Freelance Full-Stack Developer & AI Integration Engineer

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

- Designed, developed, and deployed 52+ full-stack web applications for 40+ clients globally spanning SaaS, ERP, POS, e-commerce, AI platforms, and immersive experiences.
- Integrated AI APIs including OpenAI GPT, Claude, and custom NLP models into production applications to automate workflows and enhance user experience.
- Built ERP and commercial management systems with AI chatbot interfaces converting natural language to database commands for non-technical users.
- Developed cross-platform mobile applications using Flutter for real-time POS and staff management workflows.
- Engineered peer-to-peer marketplace platforms with hourly/daily rental mechanics, geo-based matching, and multi-category inventory systems.
- Built custom web scraping pipelines using Python and JavaScript for business intelligence and competitor analysis.
- Managed complete project lifecycles including requirements analysis, UI/UX design, development, testing, and cloud deployment.

AI Model Developer — Self-Directed Research & Development

Personal Projects / Research | 2022 – 2024

- Designed and trained custom ML models using TensorFlow and PyTorch for computer vision and natural language processing applications.
- Built a fire detection AI system that scans CCTV feeds and broadcasts real-time emergency alerts across local WiFi networks.
- Developed voice-interactive NPC AI systems for immersive tourism experiences using multi-language NLP pipelines.

Hackathon Competitor & Tech Innovator

Various National Competitions | 2018 – Present

- Competed in multiple national hackathons, consistently delivering functional MVPs within 24–48 hours.
- Developed Sale Scanner AI — a visual product search tool using computer vision for instant e-commerce matching.

KEY PROJECTS

ERP AI Chatbot Module — gestcom.braiek.com

Tech Stack: PHP, SQL, JavaScript, Bootstrap, OpenAI NLP API

- Built a natural language chatbot interface directly into a commercial ERP system that converts plain-text user queries into database commands and SQL operations — no technical knowledge required.
- Delivers a full statistics dashboard alongside chat interactions, enabling managers and non-technical staff to access business intelligence through conversational AI.
- Deployed as a module within an existing commercial management suite serving SMB clients.

Qahwa Platform — Full POS & Café Ordering Ecosystem

Tech Stack: React.js / Next.js, Node.js, Flutter (Mobile), SQL, QR System, REST API

- Designed and built a complete café management ecosystem featuring QR-based customer ordering, real-time order tracking, and a staff mobile app with role-based access control.
- Mobile staff application built in Flutter with distinct interfaces for cashiers, baristas, and admin, covering 40+ screens across the full product.
- Admin dashboard provides full menu management, shift reporting, sales analytics, and real-time order queue visibility.

Prodify Plus — AI Product Image Enhancement — prodifyplus.vercel.app

Tech 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 using generative AI — cutting photography costs by up to 80%.
- Supports instant download of enhanced images optimized for storefronts across major e-commerce platforms.

FactScanner — AI Invoice Digitization — factscanner.vercel.app

Tech Stack: Next.js, AI Vision / OCR APIs, SQL

- AI-powered invoice scanning SaaS that automates data extraction from uploaded invoice documents, validates tax compliance, and manages structured financial records.
- Features error validation, multi-client management, and structured data export for SMBs to eliminate manual data entry and compliance errors.

Rented — Peer-to-Peer Rental Marketplace

Tech Stack: React.js / Next.js, Node.js, SQL, Geolocation APIs

- Full peer-to-peer rental marketplace built for the Tunisian market, connecting individuals who need items with those who have them sitting unused — covering tools, electronics, event gear, and more.
- Supports hourly and daily rental mechanics with listing management, availability calendars, search filtering, and in-app communication between renters and owners.
- Designed to unlock value from idle assets and provide affordable access to equipment without ownership.

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

Tech Stack: Next.js, Three.js, WebGL, AI API

- Educational platform combining real-time 3D mechanical machine visualization with AI-driven explanations, built for students, educators, and engineers to explore complex mechanical systems visually.
- Users can interact with 3D machine models, inspect components, and receive AI-generated explanations of mechanical principles — bridging visual learning with engineering depth.

Nexora — AI-Powered Immersive Tourist Guide

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

- AI-powered tourist guide featuring a voice-interactive NPC that visitors can speak to naturally for directions, historical context, and local recommendations in multiple languages.
- The NPC physically guides visitors to landmarks in real time — bridging the gap between passive audio guides and a truly live, personalized on-site experience.
- Designed for cultural heritage sites, museums, and city tourism experiences where engagement and accessibility are critical.

Commercial Management Suite (ERP) — gestcom.braiek.com

Tech Stack: PHP, SQL, JavaScript, Bootstrap

- Four-module enterprise management suite covering commercial operations, cash management, inventory tracking, and reporting for SMB clients.

- Features real-time dashboards, role-based access control, stock alerts, and financial reporting across multiple business 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 Developer | 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.
- Active Upwork freelancer: [upwork.com/freelancers/ahmedb253](https://www.upwork.com/freelancers/ahmedb253) — strong client satisfaction track record.
- Hackathon competitor since 2018, consistently building MVPs under tight time constraints.
- Official website creator for Tunisia Game Show — a major national gaming event featuring renowned celebrities.
- Self-directed learner acquiring full-stack, AI, mobile, and 3D skills through hands-on project delivery and 23 certifications.