

TAHA EL BAH

Full Stack Developer | Software Engineer

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PROFESSIONAL SUMMARY

Full-stack software engineer with hands-on experience building production applications using React, Spring Boot, NestJS, Laravel, and PostgreSQL. Built and deployed web platforms, AI-powered systems, and scalable backend APIs with experience across development, deployment, and maintenance.

PROFESSIONAL EXPERIENCE

Software Engineer · zelvIT — Freelance

Morocco · Remote · Jan 2026 – Present

- Developed and deployed full-stack applications using React.js, Flutter, Electron, PHP, and SQL.
- Built frontend features, backend APIs, and scalable database systems for client solutions.
- Managed deployment, bug fixes, and production support for client projects hosted on cloud infrastructure.

Full Stack Developer · Rilygo — Intern

Morocco · Jan – Jun 2026

- Developed a full-stack marketplace (Spring Boot, React, PostgreSQL) with JWT/RBAC auth and 25+ REST APIs.
- Improved backend performance (p95 <200ms) and delivered features end-to-end from database to UI.

Full Stack Developer · Wehelp — Intern

Nov – Dec 2025

- Shipped full-stack features (Java + React) across 2 release cycles in 6 weeks; resolved 15+ code-quality issues through peer reviews.

Machine Learning · Codveda Technologies — Intern

Sep – Oct 2025

- Fine-tuned classification models (Python, TensorFlow, scikit-learn) reaching 89% accuracy (+7 pts over baseline); built stakeholder KPI dashboards.

Software Engineering · Orange Business — Intern

Morocco · Summers 2022 & 2023

- Maintained enterprise Java apps; optimised slow SQL queries cutting report generation time by ~30%.
- Built Employee Management System (Java, Spring Boot, MySQL) handling 200+ records; introduced Agile sprint cadence to intern team.

PROJECTS

The Ontario Post · React · PHP · MySQL · n8n · [ontariopost.ca](#)

- Built and deployed a full-stack independent news platform for Toronto, the GTA, and Ontario, with categorised sections (politics, business, sports, culture, opinion), live breaking-news updates, weather, and traffic.
- Engineered an n8n automation pipeline that auto-ingests articles from external sources, runs AI-based summarisation and rewriting, and schedules automated publishing across sections.
- Developed the React frontend backed by a PHP/MySQL API powering content management, search, and category routing.

Keyinov — Web Development Agency · React · Laravel (PHP) · MySQL · [keyinov.com](#)

- Founder and lead developer of a web agency delivering custom websites and web applications for clients end-to-end, from design and development through deployment and maintenance.
- Build responsive frontends and scalable backend services, managing hosting, CI/CD pipelines, and ongoing production support.

AI Resume Screener · TypeScript · Python · Next.js · NestJS · PostgreSQL · AWS · [github repo](#)

- Architected a 4-service NestJS microservices backend with JWT/RBAC auth, Redis caching, and AWS S3 (p95 <200ms).
- Built a Python FastAPI AI matching service using Sentence Transformers for semantic resume-job ranking.
- Developed the Next.js frontend and automated AWS EC2 deployment via GitHub Actions CI/CD.

E-commerce Platform · Laravel (PHP) · React · SQL · [innoland.ma](#)

- Developed and deployed a full-stack e-commerce platform with a custom admin dashboard for managing products, orders, and users.
- Integrated the WooCommerce REST API for real-time synchronisation of product catalog, orders, and inventory.
- Designed scalable backend services and database schema; deployed on Hostinger with CI/CD automation.

S&P 500 Intraday Direction Prediction · Python · scikit-learn · XGBoost · SHAP · [github repo](#)

- Built a leak-free binary classifier predicting whether an S&P 500 stock closes above its open, using only market-open information across ~600K daily records (~500 tickers, 5-year window).
- Engineered momentum and volatility features (overnight gap, RSI-14, MA ratios, Bollinger %B) and automated model selection across Logistic Regression, Random Forest, XGBoost, and SVM via TimeSeriesSplit cross-validation (XGBoost best, F1 ≈ 0.63).
- Added model explainability with SHAP, LIME, and permutation importance to surface the strongest predictive drivers.

EDUCATION

B.Sc. Computer Engineering (four years programme) · Ted University, Ankara, Turkey

2020 – 2025

Secondary Field: Data Analytics · English-taught programme · IELTS C1

TECHNICAL SKILLS

Languages: Java · Python · TypeScript · JavaScript · SQL · PHP

Backend: Spring Boot · Laravel (PHP) · NestJS · RESTful APIs · Microservices · JWT · WebSocket

Frontend: React · Next.js · HTML5 · CSS3 · Flutter · Electron

Data & ML: PostgreSQL · Redis · TensorFlow · scikit-learn · LLM API Integration · Data Analytics

DevOps & Automation: GitHub Actions · CI/CD · Docker · Git · n8n · Agile Scrum · AWS (EC2, S3)

Spoken languages: Arabic (native) · French (fluent) · English C1 (IELTS) · Turkish (beginner)