NABIL AL SAIDALI

Software Engineer & AI/ML Engineer

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PROFESSIONAL SUMMARY

Software Engineer & AI/ML Engineer with 3+ years of experience building production-ready web and machine learning solutions. Specialized in healthcare AI (95%+ accuracy) and full-stack systems using Python and Laravel. Strong focus on performance, scalability, and data-driven decision making.

CORE SKILLS

- Programming & Backend: Python, PHP (Laravel), Java, REST APIs, Docker
- Machine Learning: XGBoost, LSTM, Random Forest, SVM, Decision Tree, KNN
- ML & Data Tools: TensorFlow, Scikit-learn, Pandas, Matplotlib
- Frontend & Mobile: Flutter, JavaScript, HTML, CSS, Bootstrap, Tailwind
- Databases: MySQL, MongoDB, SQL Server, Sqlite
- DevOps & Platforms: Git/GitHub, Google Colab, Joblib

PROFESSIONAL EXPERIENCE

Freelance AI/ML & Full-Stack Developer | Remote | May 2022 – Present
- Built and delivered 4+ production-ready web and mobile applications using Laravel and Flutter.
- Integrated machine learning models improving prediction accuracy by over 20%.
- Optimized development workflows, reducing delivery time by approximately 30%.

Desktop Application Development Intern (Java) | Al-Wataniya Private University | Jan 2022 – Jan 2023
- Completed a practical training program focused on Java desktop application development.
- Applied object-oriented programming (OOP) principles and desktop UI concepts.
- Assisted in preparing technical documentation and user guides for educational purposes.

KEY PROJECTS

- **Liver Disease Diagnosis AI:** Processed 1,000+ medical records, evaluated 6 ML models, achieved 95%+ accuracy, and reduced diagnosis review time by 40%.
- **Job Platform:** Designed and implemented a multi-role job platform using Laravel, including job seeker, company, and admin modules.
- **Solar Energy Management System:** Developed an enterprise system with inventory automation and role-based access control.
- **Conan Movies Hub:** Built a scalable streaming platform with secure authentication and an administrative dashboard.

EDUCATION

B.Sc. in Computer Engineering (Computer Science) — Al-Wataniya Private University | Jul 2025
Graduation Project: AI-based liver disease diagnosis system integrated with a Laravel web application for data management and result visualization.

CERTIFICATIONS

- AWS Fundamentals Specialization — Amazon Web Services (Coursera, Dec 2025)
- Deep Learning Specialization — Coursera (Oct 2025)
- Supervised Machine Learning — Stanford & DeepLearning.AI (Apr 2025)
- Back-End Developer Professional Certificate — Meta (Nov 2024)
- Cybersecurity Fundamentals — Google (Dec 2024)
- Intensive Data Analysis — Qafza (Mar 2025)
- Mastering Laravel Framework — Board Infinity (Apr 2024)

LANGUAGES

- Arabic — Native
- English — A2 (working proficiency)
- German — A2 (working proficiency)