

NABIL AL SAIDALI

Full-Stack Engineer | AI/ML Engineer

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LinkedIn: [linkedin.com/in/nabil-alsaidali](https://www.linkedin.com/in/nabil-alsaidali) | Citizenship: German

GitHub: github.com/NabilAlsaidaly | Portfolio: nabilalsaidali.com

PROFESSIONAL SUMMARY

AI-focused Software Engineer with 3+ years of experience building scalable web applications and machine learning systems, specializing in healthcare AI, Laravel, Python, and performance-driven development. Achieved 95%+ prediction accuracy in AI healthcare projects and improved workflow efficiency through advanced automation and prompt engineering. Experienced in SEO optimization, increasing organic visibility and search performance with measurable ranking and traffic growth.

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, Next.js, HTML, CSS, Bootstrap, Tailwind
- Databases: MySQL, MongoDB, SQL Server, SQLite
- DevOps & Platforms: Git/GitHub, Google Colab, Joblib
- SEO & Analytics: Technical SEO, Search Console, Performance Optimization, Keyword Targeting, CTR Improvement
- AI Productivity: Prompt Engineering (advanced) for workflow optimization and AI-assisted development

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%
- Accelerated development speed through advanced prompt engineering, reducing task turnaround time by approximately 30%
- Implemented SEO optimization strategies for web projects, improving visibility and search performance

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

- Ajyal Smart School:** Built a responsive institutional landing page using Next.js featuring a modern user interface and smooth animations. Applied SEO optimization strategies that generated approximately 20.9K impressions and 378 organic clicks in less than a month, achieving an average search position of 3.8 and CTR of 1.8%. ajyalsmart-school.com
- 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 — B1 (working proficiency)
- German — B1 | Certificate: b1de.nabilalsaidali.com