

NABIL AL SAIDALI

Full-Stack Software Engineer | AI/ML Engineer

Email: nabilalsaidaly89@gmail.com | +963998752727
LinkedIn: [linkedin.com/in/nabil-alsaidali](https://www.linkedin.com/in/nabil-alsaidali) | Citizenship: German
GitHub: github.com/NabilAlsaidali | Portfolio: nabilalsaidali.com

PROFESSIONAL SUMMARY

Software Engineer focused on full-stack development, AI/ML, and digital transformation. Experienced with Laravel, Python, and building practical software solutions. Holds a Computer Engineering degree officially assessed by Germany's ZAB as comparable to a German higher-education qualification at Bachelor's level. Currently leading the move from paper-based school operations to structured digital workflows, with additional experience in healthcare AI, CI/CD, automation, analytics, and LLM-assisted development.

CORE SKILLS

- Programming & Backend:** Python, PHP, Laravel, Java, REST APIs
- Machine Learning:** XGBoost, LSTM, Random Forest, SVM, Decision Tree, KNN
- ML & Data Tools:** TensorFlow, Keras, Scikit-learn, Pandas, Matplotlib
- Frontend & Mobile:** JavaScript, Next.js, React, Flutter, HTML, CSS, Bootstrap, Tailwind CSS
- Databases:** MySQL, MongoDB, SQL Server, SQLite
- DevOps & CI/CD:** Git, GitHub, Docker, CI/CD, Automated Testing, Deployment Workflows
- LLM & AI Tools:** ChatGPT, Claude, Gemini, Qwen, Cursor, Prompt Engineering
- SEO & Analytics:** Google Analytics (GA4), Google Search Console, First-Party Analytics, Technical SEO, Event Tracking, Conversion Tracking, Performance Optimization

PROFESSIONAL EXPERIENCE

Software Engineer & Digital Transformation Lead | Happy Home Private School | 2026 – Present

- Leading the school's transition from paper-based processes to organized digital workflows
- Reviewing day-to-day administrative work and identifying where software and automation can reduce manual tasks
- Designing the structure of the school's digital systems, including workflows, data models, and user roles
- Developing solutions that make student registration, document management, payments, and administrative work easier to manage
- Working directly with school staff to understand real operational needs and turn them into practical software solutions

Freelance AI/ML & Full-Stack Developer | Remote | 2022 – Present

- Developing web and mobile applications with Laravel, Python, Next.js, JavaScript, and Flutter
- Integrating machine learning models into web applications and real-world workflows
- Building REST APIs, databases, authentication systems, admin dashboards, and backend services
- Using ChatGPT, Claude, Gemini, Qwen, and Cursor as part of development, debugging, research, and documentation workflows
- Working with Git, Docker, automated testing, CI/CD, and production deployment workflows
- Improving website performance, SEO, and analytics using Google Analytics, Search Console, and first-party tracking data

KEY PROJECTS

- Ajyal Smart School:** Developed a responsive school website with Next.js, with a strong focus on performance and search visibility. The site reached approximately 20.9K Google impressions and 378 organic clicks in less than one month, with an average search position of 3.8 and a 1.8% CTR. ajyalsmart-school.com
- Liver Disease Diagnosis AI:** Built a healthcare AI system using Python, machine learning, and Laravel. Worked with 1,000+ medical records, compared six machine learning models, and achieved more than 95% prediction accuracy.
- Portfolio Analytics Platform:** Built a first-party analytics system using Laravel and JavaScript with session-aware tracking, active engagement metrics, traffic attribution, bot filtering, semantic conversion events, and custom analytics dashboards. Integrated the system alongside Google Analytics (GA4) to better understand visitor behavior, project interest, CV downloads, and contact actions. nabilalsaidali.com
- Job Platform:** Built a Laravel recruitment platform for job seekers, companies, and administrators, covering authentication, job listings, applications, and management workflows.
- Solar Energy Management System:** Developed a business management system for inventory and operational workflows, with database management and role-based access control.

EDUCATION

B.Sc. in Computer Engineering (Computer Science) — Al-Wataniya Private University | Jul 2025 [View Degree](#)

German Degree Recognition: Official ZAB Statement of Comparability confirming that the degree corresponds to a German higher-education qualification at Bachelor's level. [View ZAB Statement](#)

Graduation Project: Developed an AI-based liver disease diagnosis system combining machine learning with a Laravel application for managing medical data and displaying prediction results.

CERTIFICATIONS

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

LANGUAGES

- Arabic — Native
- English — Professional Working Proficiency
- German — B1 [View Certificate](#)