

Abdelkarim Saleh

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● ABOUT ME

Full-stack developer with a Computer Science background and practical experience in building cross-platform and web-based applications using Flutter, Java Spring Boot, and modern JavaScript frameworks. Proficient in designing RESTful APIs, implementing role-based authentication, and managing both frontend and backend systems. Developed scalable, maintainable solutions including task management, onboarding, and license systems. Skilled in clean architecture, database design, and deployment on Microsoft Azure. Passionate about delivering robust and user-focused software across the full development stack.

● EDUCATION AND TRAINING

2025 Tripoli, Lebanon

BSC IN COMPUTER SCIENCE Beirut Arab University

● WORK EXPERIENCE

FREELANCE PROJECT

BEIT BAYTAK – FULL-STACK E-COMMERCE PLATFORM

Tech Stack: Next.js (TypeScript), MongoDB, Firebase, Tailwind CSS, Redux Toolkit, Zustand
<https://bet-baytak.vercel.app/>

- **Product Catalog & Search:** Dynamic product browsing with debounced real-time search
- **Shopping Cart:** Persistent cart management using Redux
- **User Authentication:** Login/signup with profile management
- **Admin Dashboard:** Product & category CRUD operations with image upload/optimization
- **Performance:** SSR/SSG, lazy loading, code-splitting, and state persistence for fast UX
- **Responsive Design:** Mobile-first layout with reusable UI components

INTELLIGILE

FULL-STACK – 31/05/2025 – 31/07/2025

Onboarding & Task Management System

Tech Stack: Flutter, Spring Boot, JPA, REST APIs

Developed a full-stack onboarding and task management app featuring:

- **Role-Based Authentication** with secure user management
- **Kanban Dashboard** with filtering, sorting, and calendar integration
- **Clean Architecture & Provider** for scalable, maintainable state management
- Designed for **desktop & web deployment**

Artifact Management Desktop App

Tech Stack: Flutter, Riverpod

Built a cross-platform desktop app with:

- **Modern UI** with custom theming and fixed window sizing
- **Modular Architecture & DI** for scalable artifact data management
- **Dynamic UI Updates** and review functionality with clean, maintainable code

INTELLIGILE

FULL-STACK – 30/04/2024 – 31/08/2024

License Management System

Tech Stack: Flutter, Java Spring Boot, Microsoft Azure

Led **frontend development** with Flutter, implementing:

- **RESTful APIs** for login/signup user authentication
- **Database schema design** to support authentication workflows
- **Backend contributions** with Spring Boot and deployment on Azure

SENIOR PROJECT

- Designed and implemented a full-stack tutoring platform with secure **user authentication** using **JWT**.
- Built a robust **RESTful API** with **Node.js** and **Express.js**, connected to a **MySQL**, and **MongoDB** databases.
- Integrated email verification to enhance account security and ensure valid user registrations.
- Developed a dynamic and responsive frontend using **Next.js** and React for an intuitive user experience.

● **LANGUAGE SKILLS**

Mother tongue(s): **ARABIC** | **ENGLISH** | **GERMAN**

● **SKILLS**

HTML | CSS | PHP | Tailwind | React.js | Next.js | Flutter | Git | Node.js | JavaScript | Java | Python | SQL | TypeScript | MongoDB | FastAPI | Java Springboot | Express.js | Postman | Linux

● **LINKS**

Github Links

- **Bet-Baytak:** <https://github.com/aboudi03/Bet-Baytak> ; <https://bet-baytak.vercel.app/>
- **Senior Project:** <https://github.com/4li40/Senior-project> (Frontend, team collaborator) ; <https://github.com/aboudi03/backend> (Backend)
- **LeafGuard Disease Detection:** <https://github.com/aboudi03/Leaf-Guard>
- **Onboarding App:** https://github.com/aboudi03/on_boarding_app (Frontend) ; https://github.com/aboudi03/on_boarding_app_backend (Backend)
- **Artifact Management:** <https://github.com/aboudi03/frontendtask>