

Osama Zayed

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My name is Osama Zayed, and I specialize in web and software development. I currently work for Wide Space, focusing on financial systems, while also providing freelance services. With three years of experience, I have worked with the Higher Agricultural Committee and utilized various programming languages and tools to create innovative solutions. My goal is to excel in the software industry and continually expand my skills.

EXPERIENCE

- **Wide Space System Developer (2024/12 - Present)**
 - I initially worked as a System Developer and was later promoted to Team Leader.
 - I collaborated with the team to develop two financial systems for two of the largest microfinance companies in Egypt.
 - My responsibilities included building the API for both the client and admin applications.
 - Worked on large reports containing millions of records and contributed to the development of the web system.
- **Freelance Web Developer (2022 - Present)**
 - "Ben Ali Oud and Perfumes" Online Store
 - Police Report Management System
 - Developing a "My Health" system
 - Working on the Saba University Students Portal Project
 - "Earth Observation Eye (EOE) for surveying satellite images
- **Consultant and Web Systems Developer at the Higher Agricultural Committee (2023/12 - 2025/2)**
 - Diesel unit system
 - Dairy unit management system
 - Value chain system
 - Agricultural Projects Management
- **Teacher, Laravel Course (July 7, 2024 - August 7, 2024)**
 - Supported by Google Developer Club, Razi University
 - Worked at West Academy
 - Taught concepts of the Laravel framework, focusing on web application development.

EDUCATION

Bachelor of Information Technology from Razi University

TRAINING COURSES

- Project Management (2022)
- User Interface and User Experience Design(UI/UX) (2023)
- Mobile App Development (2023)
- Laravel Framework(Laravel) (2023)
- Advanced Laravel Framework (2023)
- Search Engine Optimization(SEO) (2023)

TECHNICAL SKILLS

- PHP
- Laravel
- HTML
- CSS
- SQL
- JavaScript
- Python
- Restful API
- Django
- Vue
- Bootstrap
- Git & GitHub
- Flask
- Docker
- Linux

SOFT SKILLS

- learning speed
- Good communication skills
- Problem solving
- Effective teamwork
- Ability to lead and collaborate
- Creative thinking

PROJECTS

1. Dairy Unit Management System

Developed a comprehensive system for managing milk collection and distribution operations in collaboration with the General Corporation for Agricultural Services.

- Milk Collection Application: Enables dairy associations to register milk-producing families and track the number of cows per farmer. Documents milk supply operations according to specific storage procedures and provides detailed operational reports.
- Association Management Application: Allows associations to manage branches, record quantities of milk collected and transferred to factories, and manage truck drivers. Generates comprehensive reports on collection and transfer operations.
- Factory Delegate Application: Enables delegates to record milk receipts and perform quality checks. Includes documentation of spoiled quantities and generates accurate reports for institutions and associations.
- Enterprise Control Panel: Provides an integrated management interface for monitoring all system operations with reporting and statistical analysis capabilities.

2. Diesel Management System

Implemented an integrated system for managing farmers' petroleum product needs.

- Inventory Management: Developed a real-time inventory tracking system with role-based access control for accurate accounting transactions.
- Administrative Control Panel: Created a user-friendly interface for managing processes and users, with reporting capabilities.
- Mobile Application: Allows users to enter inventory transactions based on permissions, enhancing inventory management efficiency.
- Security Measures: Integrated access restrictions and activity monitoring to safeguard the system against potential threats.

3. Ben Ali Perfumes Store (<https://binalioud.com>)

Developed an online store for Ben Ali Perfumes.

- User-Friendly Interface: Designed a website that reflects brand identity and offers a convenient shopping experience.
- Product Management: Enables the display of a variety of fragrances with detailed information about each product.
- Sales Reports: Provides analytical tools to track sales and evaluate store performance, facilitating strategic decision-making.

4. Digital Agriculture System (Graduation Project) (<https://agriculture.osamazayed.com>)

Team Leader and Backend Developer

- Led a team to develop three applications: Agricultural Guide, Khadrji, and a Delivery Representative application.
- Responsible for building and managing the databases, data analysis, and backend development.
- The Agricultural Guide app provides comprehensive information about crops, including types, benefits, and farming requirements, along with real-time price updates.
- The Khadrji app serves as an integrated platform for fruits and vegetables, offering users information on product sources, nutritional benefits, and storage tips.

5. Agricultural Projects Management

Committee: Higher Agricultural and Fishery Committee

- Developed a comprehensive system for managing agricultural projects, encompassing various fields related to agriculture.
- Each field includes subfields, with multiple projects organized under a specific program.
- The system features project financing details, follow-up activities, and various actions, each with defined procedures and implementation steps.
- Included a chat feature at the project level and various reports with different user permissions.
- My role involved analyzing and building the system as a web application using Laravel.

6. Police Management System

Established an integrated system linking all police departments in the capital.

- Internal Network: Connects all police departments, facilitating data exchange and incident reporting.
- Multiple Interfaces: Includes report entry, search, audit, and approval interfaces to enhance police work efficiency.
- Citizen Engagement Section: Allows citizens to submit complaints or reports, improving communication between police and the community.
- Statistics and Reports: Provides a section to display approved reports and issues, aiding informed decision-making.

Certifications

- "Project of a Lifetime" - Yemen Achievement
Focus: Work Readiness, Entrepreneurship, Knowledge, and Financial Literacy
Date: 18/4/2019
- Sana'a University Computer Driving License
Date: 6/6/2021 - 29/6/2021
- Web Development Framework Application
During the Summer Camp of the College of Computer Science in collaboration with IEEE
Date: 20/5/2023 - 30/6/2023
- Mobile Application Development
During the Summer Camp of the College of Computer Science in collaboration with IEEE
Date: 20/5/2023 - 30/6/2023
- User Interface (UI) Design
During the Summer Camp of the College of Computer Science in collaboration with IEEE
Date: 20/5/2023 - 30/6/2023
- GDSC Core Member- Certificate of Completion
This certificate is awarded in recognition of my efforts as a core team member of the Google Developer Student Club for the 2023 - 2024 academic year
- Certificate of Experience - Higher Agricultural Committee
Awarded for my role as a web systems and application developer using the Laravel framework from December 2, 2023, to February 1, 2025. Recognized for outstanding performance and excellent collaboration with clients and colleagues, receiving an excellent evaluation during this period.

HOBBIES

- Software Development: Passionate about creating software projects and mobile applications to enhance my technical skills.
- Tech Reading: Keeping abreast of the latest trends in IT and software development to stay updated on innovations.
- Sports: Engaging in walking and jogging to maintain good health and boost energy levels.
- Competitive Programming: Participating in online competitions to improve my problem solving skills and critical thinking.
- Volunteering: Involved in community initiatives focused on environmental improvement and supporting others.