OSAMA ZAYED

SOFTWARE DEVELOPER

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My name is Osama, and I specialize in software development and design. I work as a freelancer, utilizing various programming languages and tools to create innovative solutions for clients. My goal is to excel in the software industry, constantly expanding my skills and knowledge while embracing new challenges.

EXPERIENCE

Freelance Web Developer (2022 - Present)

- Developed A Sales Management System For An E-Commerce Marketplace
- Built A Police Report Management System
- Developed For my health Mobile Application
- Worked On A University Student Portal Project
- Earth Observation Eye EOE
- Vulnerability Scanning

Web Systems Consultant and Developer with the Higher Agricultural Committee (2023/12 - 2024/5)

- Developed A Diesel Management System
- Consultations and assistance in other systems
  - Agricultural project management system
  - The site for the investment sector

EDUCATION

Bachelor's in Information Technology

COURSES

- Project Management (2022)
- UI/UX (User Interface/User Experience) 2023
- Mobile Application Development 2023
- Laravel Framework (2023)
- Advanced Laravel Framework (2023)
- SEO (2023)

SKILLS

- HTML
- CSS
- JavaScript
- Php
- Python
- Laravel
- Django
- Flask
- Sql
- Bootstrap
- Rest Api
- Git & GitHub
- Docker

SOFT SKILLS

- Fast learner.
- Good communication skills.
- Problem Solver Effective Team.
- Player and leader.
- Creative thinking.

PROJECTS

Yemen Market

- Built a comprehensive sales management system for the e-commerce marketplace "Market Yemen", with a website and mobile app supporting multiple languages, currencies, and user roles (admin, super admin, seller, regular user)
- Developed a robust dashboard for managing products, orders, and users a the various departments and subcategories
- Designed intuitive and user-friendly interfaces for the website
- Developed APIs to enable seamless integration between the front-end and back-end components
- Completed the project in approximately 1 month, with a focus on scalability, security, and multi-language support

Diesel Management System

- Developed a comprehensive system to manage the inventory of petroleum products and the needs of farmers a throughout Yemen
- Implemented real-time stock tracking, accounting-based transactions, and a role-based access control system with 35 permissions
- Created an admin dashboard for managing operations, users, and reporting
- Developed a mobile application for users to input various inventory-related transactions based on their permissions
- Incorporated security measures, including access restrictions and user activity monitoring, to protect against unauthorized access and vulnerabilities
- API Development: The API would enable seamless integration between the front-end mobile application and the back-end system, allowing users to perform various inventory-related operations, such as supply, distribution, transfer, and receipt.

police Management System

- Integrated system for managing police stations in the capital city
- Connects all police stations through an internal network
- Main interface displays all data required for capital city administration
- Report entry interface to input report data
- Search interface to search and display reports
- Audit and adoption interface to verify and accredit reports
- Police Center section for citizens to report or file complaints
- Inquiries feature to display reports based on user permissions
- Statistics section to display approved and problematic reports

For my health

- App for detection of smuggled medications
- It uses a database containing different varieties and medicines
- Added to artificial intelligence algorithms to distinguish between the images of different drugs
- Python programming language is used in the development of the DJANGO framework for the back side (Backend)
- The artificial intelligence algorithm was used in this project

PROJECTS

Earth Observation Eye EOE

- Assisted in developing advanced models for poverty data analysis, including:
    - Slum Detection Model
    - Building Density Model
    - Optimal Route Generator Model
    - Building Detection Model
- API Development:
    - Enabled users to integrate AI models into their own applications
- Built the platform's website, which includes:
    - A section for testing and experimentation
    - A section for displaying statistics and data
    - A section explaining how to integrate with the models
    - A section providing information about the project

Vulnerability Scanning

- The first test involves using OpenVAS:
    - OpenVAS is used to perform vulnerability testing on the URLs.
    - OpenVAS scans the URLs for vulnerabilities, misconfigurations, and security weaknesses.
    - The scan results obtained from OpenVAS provide information about the vulnerabilities found, severity ratings, affected URLs, and recommended actions.
- The second test involves leveraging threat intelligence:
    - Threat intelligence feeds are integrated into the testing process.
    - Indicators of compromise (IOCs) are obtained from the threat intelligence feeds.
    - The URLs that are being tested are compared against the IOCs to identify matches or overlaps with known malicious indicators.
    - This step helps determine if any of the URLs are associated with known threats or potential risks based on the threat intelligence data.

University Student Portal

- This project is a control panel for managing the college, specializations, students, professors, course curricula, college news, results, and midterm assignments.
- An API was used in the application that displays general information about the university, specializations, courses, latest news, and a brief about the university.
- For students, there is a section that displays the study schedule, results, midterm achievements, and professors for easy communication with them.
- There is also a library to display the study curricula.