HAEDARA SALLOUM- SOFTWARE ENGINEER

InformationEngineer specializing inSoftware Engineering andInformation Systems, holder of a Vocational SecondaryEducation Certificatein Computer Technology, achieving first place at the Tartous Governorate level. Possesses a strong academic foundation in software development, systems analysis, and database management.

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LANGUAGES

- Advanced level – Professional working proficiency
- Arabic

PERSONAL PROJECTS

CarLand - Car Rental Platform

An integrated car rental platform featuring advanced search and smart filtering capabilities. Allows users to browse various car models, compare prices, and easily book the perfect vehicle. Built with Next.js and styled with Tailwind CSS for optimal performance and user experience.

Urban Build - Construction Company Website

A comprehensive corporate website for a construction company showcasing previous projects and services offered. Features a modern design that reflects the company's strength and professionalism, including a project gallery and detailed service pages.

Software Landing - Product Landing Page

A professional landing page for a software product optimized for maximum conversion rates. Features an attractive design, comprehensive informational sections, and effective contact forms to drive user engagement.

AI Image Generator - AI-Powered Image Platform

An advanced platform for generating images using artificial intelligence with DALL-E integration. Enables users to create unique visuals based on text descriptions, with multiple customization options for refined results.

Courses Platform - E-Learning Platform

An online learning platform offering video courses across various disciplines. Features progress tracking, interactive quizzes, and cross-device accessibility for continuous learning experiences.

Virtual Museum - 360° Virtual Tours

A pioneering digital platform offering immersive virtual tours of world-famous landmarks. Features 13 landmarks across 9 different countries, with 4 diverse categories (Historical, Natural, Modern, Maritime). Includes interactive maps, authentic 360° tours, and multilingual support (Arabic/English)

Socially - Social Media Platform (Full Stack)

A comprehensive social media platform with real-time updates and Prisma database integration. Enables users to create accounts, publish posts, interact with content, and build meaningful social networks.

SleepTracker - Sleep Analytics Application (Full Stack)

A health-focused application for analyzing and tracking sleep patterns with personalized insights and recommendations. Helps users improve sleep quality through detailed monitoring and tailored suggestions.

Car Rental Platform - Complete Booking System (Full Stack)

A comprehensive car rental solution featuring an integrated booking system, admin dashboard, and complete vehicle and customer management. Offers advanced search capabilities, authentication system, and personalized user profile management.

Work Experience

Product Formatting & Web Developer
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- Manage product data and formatting within **Odoo** ERP.
- Built a custom algorithm to standardize and structure product names.
- Oversee website editing and content management.
- Redesigned the company website into a modern, professional interface.

Technical Skills

Frontend Development

- Strong proficiency in JavaScript (ES6+) for building dynamic and interactive user interfaces.
- Developing modern web applications using React.js with a component-based architecture.
- Building scalable and SEO-friendly applications using Next.js (leveraging SSR and SSG).
- Creating smooth and interactive animations using Framer Motion.
- Writing type-safe and maintainable code using TypeScript.
- Styling responsive and modern UIs using Tailwind CSS.

Software Development

- Requirements analysis and transformation into software solutions
- Programming using multiple languages (C/C++, Java, Python, C#)
- Applying Object-Oriented Programming (OOP) principles Software
- testing and debugging

Information Systems

- Analysis and design of information systems
- Process and data modeling (UML, ER Diagrams)
- Systems integration and management

Databases

- Database design and development Working with SQL and database
- management systems (MySQL, Oracle, PostgreSQL) Performance optimization and data integrity assurance

Software Engineering

- Applying software development methodologies (Waterfall, Agile, Scrum) Software documentation
- Software Development Life Cycle (SDLC) management

Artificial Intelligence & Computer Science

- Fundamentals of artificial intelligence and machine learning
- Algorithms and data structures Logical thinking and complex problem-solving