

ABOUT ME

14 Years of Experience in Software Engineering and Academic Organizations

ADDRESS

6th October, Giza, Egypt

BIRTHDATE

7th April 1990

Personal SKILLS

- Problem Solving
- Team Working
- Commitment
- Analytical Thinking
- Team Leading
- Hard Working and Fast Learning
- Can Work Independently
- Time Management

Doaa Ahmed Sayed

GIS Tech Lead

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EXPERIENCE

Feb.2024-Feb.2025 GIS Tech Lead

Jeddah Municipality - Jeddah, Saudi Arabia

Leading the technical team all over the project involving all the related aspects to GIS, workflow management, Business analysis, technical design, Application development and deployment on Jeddah Municipality servers. Project Scope includes but not limited to: automating Royal and Governmental Land grants for citizens in a simple and smooth way, navigating these grants over Jeddah digital maps with all related and verified data and documents.

Feb. 2022 – Jan. 2024 Assistant Lecturer

Faculty of Computers and information at Modern Technology and Information University

Teaching the technical labs and sections for computer science courses and supervising graduation projects all over the project life cycle involving all the related aspects to business analysis, technical design, Application development and deployment.

Oct. 2013 – Nov. 2021 Senior Software Developer

Beni Suef University

Develop and Manage E-learning Systems – Building Web Applications from scratch – creating electronic courses using Articulate Storyline.

Dec.2014 – Dec. 2022 Senior Tech Lead -
SmartWave Technologies

Leading all the technical teams across the corporate. For all corporate products and service projects involving all the related aspects like: business analysis, technical design, Application development and deployment. Covered in projects section in details.

Technical Skills

GIS Tool: All ESRI products involved in software development.

Languages & Frameworks: C#, Visual Basic, Asp.NET, Asp.Net Core, Angular, JavaScript, Type Script, Python, PHP, Web API, Web Service, LINQ

Databases: Microsoft SQL Server, MySQL, Oracle.

Software Methodologies: Agile , Waterfall, Prototype

Desktop Applications: Windows Application Form - Windows Presentation Foundation (WPF) applications.

Reports: Crystal Reports and Microsoft reports

Others: LINQ, Entity Framework, Json, HTML, CSS, OOP

Content Management System (CMS): WordPress

Learning Management System (LMS): Moodle.

E-Learning Tools (Course Creation): Articulate Storyline

EDUCATION

Minia University (2 0 1 1)

BSc of Computer Science, Faculty of Computers and Information, Ranked 5th of 140 students

Ain-Shimas University

MSc of Computer Science, Faculty of Computers and Information (2020)

PhD researcher at the Faculty of Computers and Information (2023-present)

PROJECTS

Survey System: web-based application for gathering and analyzing information from many individuals using relevant questions with different forms.

GeoGrants System: Manage Lands grant department services by using geospatial principles and technology to design and develop software application.

Grants Correction System: Approval workflow system to record data and correct it, measure employee KPIs and generate reports.

E-Learning Management System – Complete LMS: web-based application provides resources to add and manage courses, learning materials, Quizzes, and HomeWorks.

E-Learning Management System – BNS University (Moodle): Install Moodle LMS on windows server

Designing, and implementing e-learning solutions using the Moodle LMS.

E-Learning center portal (BNS university): web-based application for managing all eLearning center services.

E-Commerce System: a software solution that allows business to create and manage online stores, connecting sellers with customers and allowing exchanges to take place online.

Content Management Systems: Building CMS from scratch /

Language

Arabic: Native

English: Very Good

Research Areas

Artificial Intelligence (AI)

Natural Language Processing
(NLP)

Natural Language Understanding
(NLU)

Data Mining

Data Analytics

Big Data

Machine Learning

Deep Learning

PROJECTS

Booking System: online booking system.

GIS-Based Home Visit Request: a software solution that allows patients to book a home visit appointment for alfa labs.

Restaurants Management System: desktop application to manage all restaurant transactions

Store Management System: desktop application to manage all store transactions

GIS-Based ERP-Systems: desktop application to manage day-to-day business activities such as sales, procurements, HR, Assets, Accounting, store management, project management, and production operations.

Pharmacy management System: desktop application helps to automate the pharmacy workflow.

Car Rental Management System: desktop application helps to manage the pharmacy workflow.

Human Resource Management System (HRMS): desktop application helps to manage the complete employee lifecycle from requirement to retirement and everything in between.