mohamed masod abozed
Fullstack developer

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Computer Science undergraduate at Nile University (GPA: 3.89) with hands-on experience in full-stack web development using React.js, C# .NET, and SQL. Skilled in building scalable, user-focused applications and applying agile practices. Also contributed to AI research at the CIS center, focusing on time series forecasting with LLMs and VAEs

Work Experience

Undergraduate Research Assistant
CIS | Nile university

Feb 2025 - Present

Undergraduate Research Assistant - Center for Informatics Sciences (CIS), Nile University 2024-Present
Conducted research on multivariate time series forecasting using LLMs and VAEs.
Developed deep learning models integrating LSTM, GPT-2, and VAE to improve forecasting accuracy.
Processed real-world weather datasets and contributed to a research paper currently in progress.

Projects

Job Finder

Mar 2024 - May 2024

A full-stack job portal web application built using HTML, CSS, JavaScript, and Django with a MySQL database.
Enables users to browse job listings, apply for positions, and allows employers to post and manage openings.
Implemented user authentication, role-based access, and CRUD operations for job listings and applications.
Designed relational database schema, built Django views, templates, and models for dynamic content rendering.
Focused on responsive design, clean UI, and secure, maintainable backend logic.

Food Recipe App

Aug 2023 - Sep 2023

A responsive web application built with React.js, HTML, CSS, and JavaScript that allows users to search, view, and save food recipes.
Integrated with a third-party API to fetch real-time recipe data based on ingredients or keywords.
Implemented component-based architecture, state management, and React Router for smooth navigation.
Focused on user-friendly UI/UX, clean design, and efficient performance across devices.

Core Skills

Technical Skills: C#, JavaScript, Python, SQL, HTML, CSS,
, React.js, ASP.NET, .NET Core, Entity Framework, RESTful APIs, MVC Architecture

Tools & Platforms: Visual Studio, VS Code, Git, GitHub, Postman, Docker (basic), Figma

Development Practices:
Object-Oriented Programming (OOP), Agile & Scrum, Clean Code, MVC Pattern, Version Control

Soft Skills:
Strong problem-solving and analytical thinking ,Excellent communication and teamwork ,Adaptable and eager to learn new technologies ,Attention to detail and code quality ,Time management and ability to meet deadlines

Education

Nile university   Sep 2022 - Present

Bachelor of Computer science

Relevant Coursework:
Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Software Engineering, Computer Networks, Web Development, Machine Learning, Artificial Intelligence
GPA: 3.89

Languages

Arabic *(native)*, **English** *(C1)*

Awards

UGRF 1st place award   Dec 2024
UGRF - Nile university

Received top recognition for the JobFinder web application developed as part of the Software Engineering course. The project demonstrated strong full-stack development skills, clean architecture, and practical application of software engineering principles.

UGRF 2st place award   Dec 2024
UGRF - Nile university

Recognized for outstanding implementation of an Image Encryption system using linear algebra techniques. The project applied concepts such as matrix transformations and modular arithmetic to securely encrypt and decrypt image data.

Certificates

Dean's Honors   May 2025
Nile university