

# SHERIF ABDULLAH

## Software Engineer

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## EXPERIENCE

### Software Engineer

#### Verto Wave

April 2024 - Present Cairo, Egypt

## PROJECTS

### StackX Automation – Verto Wave Project

.NET, RabbitMQ, KeyCloak, SQL, React, Tailwind, TypeScript, Blazor

April 2024 - Present

- Led development of an advanced automation platform enabling organizations to run, monitor, and manage actions across diverse infrastructure, including network devices, Linux machines, HTTP servers, and APIs.
- Built comprehensive modules to manage devices, credentials, vendors, target sites, and API keys, with full user and role management ensuring secure and controlled access to all system features.
- Designed a flexible Actions engine supporting rollback operations, pre- and post-execution triggers, dynamic parameters, and reusable templates, allowing teams to automate complex operational tasks safely and consistently.
- Developed a visual workflow builder where users can create multi-step automation flows that include conditions, loops, scheduling options, and role-based approvals, helping align technical execution with organizational processes.
- Integrated real-time response viewers capable of presenting execution results in multiple formats (JSON, tables, text, downloads), with tools to extract and reuse key data in subsequent tasks.
- Implemented full system auditing, change history tracking, and logging to ensure complete transparency and accountability, along with tag-based grouping of devices to streamline large-scale operations.
- Resulted in significantly reduced manual workload, faster and more reliable deployments, and improved operational governance across infrastructure and applications.

## MORE PROJECTS

Feel free to explore my projects on GitHub. Visit my GitHub profile at: <https://github.com/sherifabdallah>

## EDUCATION

B.Sc. in Computer Science and Artificial Intelligence

Modern University for Technology & Information, Egypt

## SKILLS

.NET Core

Entity Framework

C#

RabbitMQ

MassTransit

Elasticsearch

Blazor

Keycloak

OpenID Connect

Docker

React

TypeScript

Tailwind

ShadCN

JavaScript

SASS & CSS

REST APIs

CI/CD

jQuery

Ajax

HTML

Bootstrap

Python

Django

SQL

Git & GitHub

LangChain

Linux

## SOFT SKILLS

Learning Potential

Team Work

Organization

Flexibility

Responsibility

Multitasking

## CERTIFICATION

- .NET Core Microservices - Udemy
- .NET Core - The Complete Guide - Udemy
- React - The Complete Guide - Udemy
- Python Django - The Practical Guide - Udemy
- The Complete Python Bootcamp - Udemy

## LANGUAGES

Arabic

English

French

