SHERIF ABDULLAH

Software Engineer

@ sherif.abdullah@vertowave.com   ✆ +20 106 140 3772   ✉ Salah El-Din Street, Zamalek - Cairo
📍 Cairo, Egypt   🌐 sherifabdullah.vercel.app   🔗 sherif-abdullah-b94385236   ⓞ sherifabdallah

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

📅 Oct 2023 - Present

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