mohamed ismail

Date of birth: 31/05/1997 | **Nationality:** Egyptian | **Phone number:**

(+971) 0501493301 (Mobile) | **Email address:** mohamedhisham735@gmail.com | **Website:**

https://github.com/kingusa1 | **Website:** http://mohamedhishamismail.info/ | **LinkedIn:**

linkedin.com/in/mohamed-hisham-ismail-32ba2b134 |

Address: Dubai, United Arab Emirates, 25314, dubai, United Arab Emirates (Home)

ABOUT ME

Software Engineer & Automation Specialist with expertise in building intelligent, scalable automation systems, optimizing workflows, and integrating APIs to enhance efficiency and drive business performance.

WORK EXPERIENCE

⊞ BLACK BELT MANAGEMENT GROUP – HOLMDEL, NEW JERSEY - REMOTE, UNITED STATES
AUTOMATION SYSTEMS ENGINEER – 01/12/2024 – CURRENT

As a Systems Automation Engineer, I specialize in designing and implementing efficient, scalable, and innovative automation solutions that streamline processes and enhance operational performance. My role bridges the gap between cutting-edge technology and real-world business challenges, ensuring seamless integration and reliable systems.

I thrive in:

• Process Optimization: Identifying inefficiencies and crafting automated workflows to improve productivity.

• Monitored and maintained automated systems, ensuring reliability and efficiency.

• Conducted regular maintenance and troubleshooting of automated systems to ensure uptime and reliability.

• Continuously researched and implemented the latest automation technologies and methodologies to keep systems up-to-date.

• Used AI-driven tools like n8n to automate workflows, ensuring data accuracy and seamless integration in CRM systems like Pipedrive. I have built automated processes to extract data from emails, streamline documentation, and enhance efficiency by reducing manual work and errors.

⊞ DEFY INSURANCE AGENCY – PRINCETON, NEW JERSEY - REMOTE, UNITED STATES
SYSTEM ANALYST – 01/12/2024 – CURRENT

As a Systems Analyst at Defy Insurance, I specialize in bridging the gap between business needs and technical solutions. My expertise lies in analyzing complex systems, optimizing workflows, and ensuring that our technology aligns seamlessly with the company's strategic goals.

I excel in:

- Requirements Analysis:** Identifying and documenting system requirements to enhance operational efficiency.
- Process Optimization:** Streamlining workflows to reduce costs and improve customer experiences.
- Collaboration:** Working closely with cross functional teams, including developers, testers, and business stakeholders, to deliver scalable and innovative solutions.

At Defy Insurance, I'm passionate about leveraging technology to transform the insurance landscape. By integrating cutting-edge tools and data-driven insights, I help ensure our systems remain robust, user-friendly, and future-proof.

⊞ SOFT INNOVATION - INTERSHIP – GIZA, EGYPT

SOFTWARE TESTER – 01/01/2024 – 01/08/2024

- Assisted in developing features for desktop applications using **C++** and **C#**, contributing to the design and implementation of user-friendly interfaces while conducting **manual testing** to ensure functionality and usability.
- Participated in a project integrating **Kinect technology** to create interactive, gesture-based applications, enhancing user interaction capabilities and validating system performance with **test cases** for gesture accuracy and responsiveness.
- Collaborated with the team to analyze client requirements, ensuring solutions were tailored to meet business needs and user expectations, and created **test scenarios** to verify the implementation of these requirements.
- Contributed to writing **requirement specifications**, technical documentation, and **test plans**, ensuring clear communication between stakeholders and the development team while streamlining the testing process.

PROJECTS

01/02/2021 – 01/02/2022
kickboxing style enhancement while training (KIckfit)

Developed an interactive system leveraging Kinect v2 hardware and the Kinect for Windows SDK 2.0 to provide real-time feedback on body posture and movement during workouts. The system tracks user skeleton data, including joint positions, angles, and movements, to ensure proper form and prevent injury.

Link https://youtu.be/oG9I-a3pgLg

01/03/2024 – 01/04/2024
E-commerce Website Testing

- Conducted **manual testing** of an e-commerce website's key features, such as user registration, login, product search, and checkout.
- Created **test cases** based on user requirements and executed them to identify issues.
- Logged and tracked **bugs** using Jira, ensuring clear documentation and communication with the development team.
- Automated basic login functionality tests using **Selenium WebDriver** to improve efficiency and consistency.

01/09/2024 – 01/10/2024
Library Management System

- Designed and executed test cases for a library management system using skills learned in the **Manual and Automation Software Testing course**.
- Automated key workflows, such as book search and user login, using **Selenium WebDriver** and TestNG.
- Performed **API testing** using Postman to validate database interactions and system integration.
- Conducted basic **performance testing** using Apache JMeter to measure system stability under load.

Social Media Publishing Agent (n8n Automation)

- Built an automated workflow using **n8n** to publish and schedule posts on **LinkedIn** and **X (Twitter)**.
- Integrated **LinkedIn and X APIs** for seamless post delivery.
- Added **AI-generated captions** and **automated hashtag handling** to enhance engagement.
- Implemented **analytics tracking** and **error handling** to ensure reliable and optimized performance.

RSS Feed Publishing Agent (n8n Automation)

- Developed an **automated RSS-based workflow** using **n8n** to post content directly to **LinkedIn organization profiles** and **X (Twitter)**.
- Integrated **RSS feeds** to detect and publish new articles or updates in real time.
- Utilized **APIs** for seamless post delivery with **AI-generated captions and hashtags**.
- Implemented **logging, error handling,** and **analytics tracking** for reliable performance and monitoring.

Cold Calling Outreach Automation (Instantly AI)

Built an automated **cold outreach system** using **Instantly AI** to manage and scale email campaigns targeting potential clients.
Designed personalized **email sequences** with smart follow-ups to increase response and conversion rates.
Integrated **lead lists** and **custom variables** for dynamic personalization and segmentation.
Tracked **open, reply, and bounce rates** to continuously optimize campaign performance.

SKILLS

Programming and Development Tools

C++ | c# | java | css | html | GitHub | JavaScript | Microsoft Visual Studio | IntelliJ IDEA | Visual Studio Code

Software Testing Tools

Jira | Selenium | appium | Postman

Productivity and Collaboration Tools

microsoft excel | Word | PowerPoint

Operating Systems and Platforms

Windows: Proficient in Windows development environments and troubleshooting | Linux: Basic understanding of Linux commands, environment setup, and deployment

HONOURS AND AWARDS

23/10/2024
Master Class in Software Testing – Machinfy

Completed an intensive, advanced training course on software testing principles and techniques. The course covered a wide range of topics, including test planning, test case design, automation strategies, defect tracking, and performance testing. It provided hands-on experience with industry-standard testing tools and methodologies, enhancing my ability to implement effective testing strategies and ensure high-quality software delivery.

EDUCATION AND TRAINING

02/02/2016 – 16/02/2022 giza, Egypt
BACHELOR'S DEGREE IN COMPUTER SCIENCE Modern Sciences and Arts University

Website https://www.msa.edu.eg/ | **Field of study** Software Engineering | **Final grade** 2.4 | **Level in EQF** EQF level 6

02/02/2016 – 16/02/2022 greenwich, United Kingdom
BACHELOR'S DEGREE IN COMPUTER SCIENCE University of Greenwich

Website https://www.gre.ac.uk | **Field of study** Software Engineering | **Final grade** second honor | **Level in EQF** EQF level 6

LANGUAGE SKILLS

Mother tongue(s): **ARABIC**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	B2	B2	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user