

Yassen Khaled Nagy Ibrahim

Software Developer

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[Linkedin](#) | [Github](#)

SUMMARY

Software developer specializing in networking, packet handling and socket programming. Proficient in .NET, C++ libraries and SQL database management, delivering efficient, scalable solutions.

WORK EXPERIENCE

SENIOR SOFTWARE DEVELOPER

Jan 2017 - Jan 2025

At Rigid Online

- Engineered a TCP packet handler using asynchronous methods to filter packets, reducing malicious traffic and introducing new features using .NET and C++.
- Built .NET game bots using sockets and packets controllable via mssql database with a command-based table.
- Designed and implemented client/server windows libraries to add new custom features and establish communication between the filter and the game client using packets.
- Designed a low-latency database and stored procedures ensuring optimal performance.
- Managed dedicated servers and virtual machines and implemented security measures in Firewall and DDoS Protection.
- Implemented Discord Bot using Javascript with the ability to log users and all channel data stored in mssql database and send custom interactions via mssql.
- Implemented Hardware-related and IP connection limit with Virtual Machine Detection in windows library.
- Created web-mall ingame with ASP.NET hosted on IIS for players to purchase items ingame.

SENIOR SOFTWARE DEVELOPER

Jan 2017 - June 2023

At Cronos Online

- Redesigned SQL schemas and stored procedures, making query times very low.
- Developed packet/byte rate limiters to prevent server crashes reducing downtimes by 90%
- Similar work-list as Rigid Online.

WEBSITE MANAGER AS FREELANCER

Jan 2012 - NOW

- Linux and Windows Installation with PHP and Apache or Ngnix.
- Used OpenCart and other online store management systems.
- Implemented Websites using WordPress for media companies and stores.
- Created various forums using vBulletin and phpBB.

EDUCATION

Bachelor of Tourism and Hotels	Luxor University	From 2018 to 2022
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CERTIFICATIONS

Microsoft Office Certificate	Egyptian Armed Forces	From 2023 to 2024
Data Analyst Specialist Certificate	DEPI	From 2025 - Present

SKILLS

Soft Skills	Hard Skills
<ul style="list-style-type: none">• Problem-solving• Teamwork• Communication• Critical Thinking• Ability to adapt quickly• Heavy-testing	<ul style="list-style-type: none">• .NET (C#) and C++ and Windows Forms• MSSQL and MySQL• Networking• Basic Linux and Web related programming languages such as HTML & PHP & Python & Javascript.• Video Editing with Adobe Premiere• Microsoft Office

LANGUAGE

Arabic	Native`
English	Excellent