

OMAR NASR HUSSEIN MAHMOUD

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Location: Minya Al-Qamh, Sharkia, Egypt

Military Status: Exempted

EDUCATION

Faculty of Computers and Information, Zagazig University

Bachelor's Degree in Information Technology (IT)

Graduation Year: 2025

Grade: Very Good – GPA: 3.2

PROFESSIONAL SUMMARY

Motivated IT professional with a solid foundation in networking, system administration, and technical support. Skilled in troubleshooting, hardware and software maintenance, and ensuring smooth IT operations.

Additionally experienced in data analysis using Python, SQL, Excel, and Power BI, with hands-on experience in building real-world projects and backend systems using Node.js.

Eager to contribute to dynamic IT environments and continuously expand technical expertise.

EXPERIENCE

IT Projects:

1. Windows Server Administration (Virtual Lab)

Built Windows Server environment implementing Active Directory, DNS, and DHCP services. Created and managed domain users, security groups, and organizational units.

Applied Group Policy for user restrictions and environment configuration, and validated client domain integration.

GitHub: [Windows Server Lab](#)

2. Network Configuration (Cisco Packet Tracer)

Designed and configured a small company network using Cisco Packet Tracer, implementing multiple VLANs, inter-VLAN routing (Router-on-a-Stick), and DHCP services.

Verified connectivity within and between VLANs.

GitHub: [Network Configuration Project](#)

Graduation Project:

Marketplace & Courses App (Node.js – Backend Developer)

Developed a backend system for an e-learning marketplace allowing users to buy and sell courses or products. Implemented JWT authentication, chat messaging, Cloudinary image uploads, and MongoDB database schemas.

Final Project Grade: Excellent with High Distinction.

GitHub: [Graduation Project](#)

Data Analysis Projects:

Coffee Sales Analysis (Excel) – Cleaned and visualized sales data using Excel functions, PivotTables, and dashboards.

GitHub: [Coffee Sales Project](#)

Adidas US Sales Dashboard (Power BI) – Built a Power BI dashboard to visualize sales KPIs, revenue trends, and regional performance.

GitHub: [Adidas Sales Dashboard](#)

Retail Analytics (SQL + Excel) – Queried large datasets using SQL to analyze sales and customer behavior, exported insights to Excel.

GitHub: [Retail Analytics Project](#)

Electric Vehicle Population (Power BI) – Analyzed EV population data, visualized growth trends and adoption rates by state.

GitHub: [EV Population Dashboard](#)

Supplement Sales Analysis (Python) – Performed EDA using pandas and seaborn to explore product sales trends and seasonal variations.

GitHub: [Supplement Sales Project](#)

Book Ratings and Popularity Analysis (Python) – Analyzed reader behavior, rating trends, and book popularity using Python visualizations.

GitHub: [Book Ratings Project](#)

Courses & Certificates

- CCNA (Cisco Certified Network Associate) – Networking Fundamentals, Routing & Switching
- MCSA (Microsoft Certified Solutions Associate) – Windows Server Administration & Configuration
- AZ-900 (Microsoft Azure Fundamentals) – Cloud Concepts, Azure Services, and Cost Management
- Cloud Foundations – Cloud Concepts, Virtualization, IaaS / PaaS / SaaS Models

- Linux (Ubuntu) – Command Line, File System, Server Setup
 - Data Analysis Track – Excel, Power BI, SQL, Python
 - Summer Internship – ITI (15 July – 15 September 2023)
Front-End Development using React (150 hours)
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Technical Skills

IT & Networking:

- CCNA Fundamentals, Network Configuration, Troubleshooting
- IP Subnetting, VLANs, DHCP, DNS
- Windows Server Administration, Active Directory, System Maintenance

Programming & Databases:

- C++, Python, JavaScript, SQL, MongoDB
- Node.js, Express.js

Data Analysis Tools:

- Python (pandas, matplotlib, seaborn)
- Excel (PivotTables, VLOOKUP, IF, Dashboards)
- Power BI (DAX, Power Query), SQL Queries, Data Cleaning & Visualization

Cloud & Development Tools:

- Cloudinary, Git & GitHub, VS Code, VMware, Ubuntu, Postman
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Soft Skills

- Problem Solving & Analytical Thinking
- Technical Support & Troubleshooting
- Communication & Team Collaboration
- Time Management & Attention to Detail
- Continuous Learning

LANGUAGES

- Arabic: Native
- English: Good