



Saad Hegazy Fawzy

IT Engineer

IT engineer with a strong network and system administration background and experience in programming and automation. Skilled in troubleshooting and problem-solving, focusing on maintaining high availability and performance of IT systems.

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SKILLS

- **Networking:** TCP/IP, routing, switching, firewalls, VPNs
- **Programming:** Python, Dart, C++, JavaScript, Frameworks(Flutter, Git, Flask, MySQL, Anaconda, Firebase,)
- **Cybersecurity:** Understanding of network security, data protection, and threat prevention
- **IT Support:** Troubleshooting hardware and software issues
- **Database Engineer:** Designs, builds, and maintains databases.
- **Certifications:** CCNA, MCSA.

WORK EXPERIENCE

System Administrator, Misr Pharmacies

Cairo - 05/2024

- Managed and maintained a complex IT infrastructure consisting of 80 servers, 500+ workstations, and 120+ network devices.
- Implemented and administered Active Directory for 500 users, ensuring secure authentication and authorization.
- Successfully migrated 30 servers to a cloud-based environment, resulting in a 30% cost reduction.
- Developed and implemented a comprehensive backup and disaster recovery plan, ensuring data protection and business continuity.

IT Engineer, Dr/Mohamed Gamal Pharmacy Group

Cairo - 07/2020-03/2024

- Managed the installation, configuration, maintenance, upgrade, and backups.
- Maintain an inventory of hardware and software assets.
- Managing the users and active directory.

PROJECTS

E-commerce Mobile App | Software Engineering

01-2024 - Current

- Coding entire page +25 of the app with Flutter framework by Dart programming language.

- Build an API for the backend using PHP programming language and PhpMyadmin as an SQL database.
- Ensure structure and all code are written based on the SOLID principle.
- Technologies used in project GetX state Management, Firebase, and REST-Full API.
- Using hosting for PHP files and SQL database “Hostinger” and connecting API with the Flutter app.

PARMAGITO (graduated project) | Lead Software Engineer 01/2023-6/2024

- Build a chatbot interface connected with Dialogflow API to act as an expert system.
- Integrate flutter project with Firebase storage to receive over +50 books on learn programming.
- Build logical function for downloading PDF files and functions for the PDF Preview page locally on the device.

HOSPITAL SYSTEM | Backend Developer 03/2022-05/2023

- Build database tables with relationships.
- provide users with the ability to search over the database by using complex quarry.
- build logical functions that check validation of form input.

EDUCATION

Bachelor of Information Systems and Technology | Faculty of Management Technology and Information Systems in Port Said Department of Technology Information Systems TIS, (2023).