

Abdalla Gamal Mohamed

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🌐 Abdalla Gamal 🔄 Abdalla28

👤 PROFILE

Aspiring IT professional and dedicated student with a passion for technology and problem-solving. Currently pursuing a degree in Information Technology, gaining hands-on experience in programming, and networking. Enthusiastic about learning new skills and technologies. Seeking opportunities to contribute to projects and grow in the tech industry.

🎓 EDUCATION

Bachelor's Degree, New Cairo Technological University Sep 2021 – Jun 2025 | New Cairo, Egypt
Studying at Faculty of Industry and Energy Technology,
Department (Information Technology).

🧠 SKILLS

Web Development HTML, CSS, JavaScript, PHP, React.js, Tailwind CSS, Bootstrap, REST APIs	Mobile Development Kotlin, XML, React Native, Expo Go, Firebase Integration
Programming Languages Python, C, C++, Java, SQL	Networking CCNA certified (routing, switching, VLANs), STP, Port Security, SSH, DHCP, NAT, Network Design
Tools and Software MS Office (Word, Excel, PowerPoint, Access), Visual Studio, VS Code, Git & GitHub, Jupyter Notebook, Postman, MySQL Workbench	Soft Skills Problem-solving, Communication and teamwork, Project management, Time management, Adaptability, Analytical thinking
Data Science & Machine Learning Data preprocessing, Pandas, NumPy, Scikit-learn, Matplotlib, TensorFlow, Keras, Regression, Classification, Clustering	Graphic Design Adobe Photoshop, Illustrator, Figma, Canva, Logo design, UI mockups

🌐 LANGUAGES

Arabic Native	English Very Good
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📜 CERTIFICATES

WEB DEVELOPMENT CHALLENGER TRACK  Ministry Of Communications and Information Technology	CISCO CERTIFIED NETWORK ADMINISTRATOR R&S2  Kemtech Valley	Delivering Quality Work with Agility  IBM
IT Summer Training  Petroleum Marine Services(PMS)	ENGLISH COURSE Russian Cultural Center in Cairo	ENGLISH COURSE  British Council
Data Science and Machine Learning Epsilon AI	HR Learning & Development  CIB Egypt	Graphic Design  National Telecommunication Institute (NTI)

Bimar, *Website and Mobile Application*

Oct 2024 – present

This full-stack healthtech application is designed to streamline the management of patient medical records, making it easier for both patients and doctors to access and update information. The platform uses AI-based algorithms to provide personalized doctor recommendations, ensuring patients receive the most suitable care. It also integrates smart features like appointment scheduling, real-time chat, and virtual consultations. The app enhances the overall healthcare experience by improving communication and efficiency.

Wgabat, *Mobile Application*

Mar 2024 – May 2024

Created a mobile application to help New Cairo Technological University students order food from nearby restaurants. Developed the app using Kotlin and XML for the user interface and incorporated Room Database for local data storage and Firebase Realtime Database for backend management. Ensured a seamless and efficient user experience through the use of these technologies.

Duck's Row, *Website*

Jan 2023 – May 2023

Developed a dynamic website to assist users in planning hangouts, taking into account their budget and preferences. Utilized HTML, CSS, JavaScript, and Bootstrap for the front-end development, while leveraging jQuery and Ajax for enhanced interactivity. Implemented JSON for data interchange and MySQL for robust database management.

Taxi Total Amount Prediction, *Machine Learning*

Apr 2025 – May 2025

This project uses machine learning to predict NYC taxi total amount from trip data. After cleaning and feature engineering, it implements various models (Linear Regression, Random Forest, SVM, MLP, Tabnet, Wide and Deep, Logistic Regression) to predict total fare amounts based on trip distance, duration, time features and etc. Models are evaluated using RMSE and R^2 metrics.

Wamo, *Website*

Dec 2024 – present

Wamo is an e-commerce platform designed to offer a seamless shopping experience, where users can browse a wide range of products across various categories. The website features advanced search functionality, product filtering, and personalized recommendations. It supports secure transactions, easy product returns, and customer reviews to enhance trust and convenience. The platform also includes features like wish lists, order tracking, and tailored promotions, ensuring a user-friendly and engaging shopping environment for customers.

SWNW, *Graphic Design*

Aug 2024 – Sep 2024

SWNW is an immersive event dedicated to exploring the grandeur and mysteries of Ancient Egypt. Celebrating the rich legacy of the Pharaohs the event offers interactive exhibits, historical workshops, and captivating performances that bring the world of the ancient Egyptians to life

CipherCrack, *IOT Security*

Apr 2025 – May 2025

Developed a cross-platform mobile and web application using React Native that allows users to encode and decode plaintext messages using classical ciphers including Caesar Cipher, Vigenère Cipher, and Rail Fence Cipher. The app includes a user-friendly interface to perform both encryption and decryption with a given key, as well as a unique “break” feature that attempts to decrypt messages without knowing the key, using basic cryptanalysis techniques. This project demonstrates strong skills in frontend development, classical cryptography, and problem-solving logic.