Reem Waleed Ahmed

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LinkedIn | GitHub

SUMMARY

AI & Data Science graduate working as a Flutter Developer, with strong foundations in AI, Machine Learning, and mobile app development. Experienced in building smart, cross-platform applications and transforming ideas into efficient, user-focused solutions. Fast learner with strong problem-solving skills and a proactive, collaborative mindset.

EDUCATION

Bachelor's Degree in Computer Science – Artificial Intelligence Department │ 2021 – 2025
Zagazig University – Egypt
Cumulative Grade: Excellent **| GPA:** 3.62 link

PROJECTS

➢ **Graduation project - Diabetes Management Application |** GitHub Link
- **Project Summary:**
  - Developed a Flutter-based diabetes management app featuring glucose monitoring, medication reminders, diet tracking, AI-powered foot ulcer detection, and a real-time AI chatbot, with secure authentication, offline support, and global time zone synchronization.

➢ **QR-Based Attendance Management System |** Flutter & Django **|** GitHub Link
- **Project Summary:**
  - Built a cross-platform attendance management application for schools and colleges using Flutter and Django. The system enables teachers, parents, and students to manage attendance via QR code scanning, role-based dashboards, and automated reporting.

➢ **"Foodo" – Homemade Meals Marketplace app |** Flutter & Django **(Ongoing Development) |** GitHub Link
- **Project Summary:**
  - Developed a two-sided Flutter & Django marketplace connecting home cooks with users, featuring OTP authentication, responsive Material 3 UI, cart/checkout with taxes and delivery fees, and performance optimization via caching and token persistence.

➢ **E-Commerce App for Sale of Electronic Devices (**Ongoing Development**) |** GitHub Link.
- **Project Summary:**
  - Designed a Flutter e-commerce app for electronic devices with secure multi-payment, responsive UI, real-time search and filtering, analytics dashboards, and scalable architecture using Provider for state management.

TECHNICAL SKILLS

- **Programming Languages**: Dart , Python (NumPy, Pandas), SQL (MySQL) , Java(basic).
- **Mobile Development:** Flutter (Provider, Material 3, Responsive UI)
- **Data Science**: Data Analysis, Visualization (Matplotlib, Seaborn), Statistics, Probability
- **Machine Learning**: Scikit-Learn, TensorFlow, Deep Learning, CNNs, RNNs
- **Tools**: Git, GitHub, Flutter DevTools, Jupyter Notebooks, Streamlit
- **Mathematics**: Linear Algebra, Probability, Statistics

SOFT SKILLS

- Self-motivated and highly adaptable
- Strong communication skills in English (written and spoken)
- Strong attention to detail
- Critical thinker with problem-solving skills
- Excellent communication, teamwork abilities and presentation skills (English & Arabic)

CERTIFICATES & Training

Flutter and Dart Development course | Udemy   July 2023 — Sep 2023

LANGUAGES

- **Arabic** (Native)
- **English** (Excellent)