Ahmed Mohamed Ashraf Helmy

Software Engineer

ahmedd.ashraff.helmyy@gmail.com | +20 155 715 5911 | linkedin.com/in/ahmed-helmyyy
New Cairo, Egypt

EDUCATION

Future University in Egypt, Cairo, Egypt
Bachelor of Computers and Information Technology — 2020 – 2024

- **Department:** Computer Science
- **GPA:** 3.05

INTERNSHIPS

- **Information Technology Institute (ITI)**, Egypt
  Full Stack - PHP/Laravel, Intensive Code Camp — Mar 2025 – Aug 2025

- **Next Academy**, Egypt
  Mobile Application Development Using Flutter — Aug 2023 – Sep 2023

CERTIFICATIONS

- **Machine Learning** – NTI (Dec 2024 – Feb 2025)
- **Database Fundamentals** – Mahara Tech (Aug 2024)
- **Machine Learning** – NVIDIA (Jul 2022)
- **Mastering Java Programming** – YAT Solutions (Sep 2021 – Nov 2021)
- **C Language** – Coursera (Jun 2021)
- **Web Development** – Udacity EGFWD (Challenger Track)

TECHNICAL SKILLS

- **Languages:** Java, Python, C++, C, PHP
- **Web Development:** HTML, CSS, JavaScript, Bootstrap, TypeScript, Angular, React, Laravel, Node.js
- **Mobile Development:** Flutter, Dart
- **Database:** SQL, Firebase, MongoDB
- **Tools:** Git, GitHub, Postman, Microsoft Office, Linux (Admin Level 1)

PROJECTS

- **Graduation Project: Duat - Revolutionizing Tourism with AI**
  AI-powered mobile app to enhance the tourism experience in Egypt. Features monument recognition, route optimization, hotel/flight booking, currency exchange, events calendar.

    - **Technologies:** Flutter, Python, TensorFlow, Firebase, Google APIs

- **Full-Stack Online Bookstore (MEAN Stack)**
  E-commerce platform with authentication, cart, orders, reviews, and admin dashboard.

    - **Technologies:** Angular, Node.js, Express.js, MongoDB, JWT, Stripe, AI API

- **AI Expense Tracker**
  Expense management tool with AI-based budgeting tips and charts.

    - **Technologies:** Angular, Firebase, TypeScript, Chart.js, Dialogflow/Cohere

- **Movie Review Sentiment Analysis**
  NLP-based classifier using NLTK and TF-IDF to analyze movie reviews.

    - **Technologies:** Python, NLTK, Scikit-learn

- **ATM Simulation System**
  Java Swing app simulating ATM operations with GUI and sound.

    - **Technologies:** Java, OOP, NetBeans, Java Sound API

- **SAWAH Mobile Application**
  Flutter app to explore Egyptian monuments with authentication, Firestore data, and wishlist.

    - **Technologies:** Flutter, Firebase Auth, Firestore

SOFT SKILLS

- Communication
- Team Collaboration
- Problem Solving
- Presentation
- Event Planning
- Leadership

EXTRACURRICULAR ACTIVITIES

- Student Union - Future University (Dec 2022 – 2024)
- Organizer - Annual Art Workshop at Opera House (Jun 2022)
- ICCI 2024 - Participant
- MRC Robotics Competition - Contributor

LANGUAGES

Arabic (Native), English (Fluent)