# AHMED MUBARAK

BACK-END ASP.NET DEVELOPER | FRONT-END FLUTTER DEVELOPER | AI DEVELOPER (PYTHON) | DATA ANALYST (PYTHON)

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## Objective

As a passionate Information Technology graduate with expertise in artificial intelligence, full-stack development, and data analytics, I am dedicated to building innovative software solutions that solve real-world problems. With strong project experience and professional certifications, I aim to contribute as an **AI Developer** or **Full-Stack Developer** in roles that challenge my analytical thinking and technical skills.

## Experience

**Trainee – WIST Academy**
Sana'a, Yemen | 08/2024 – 11/2024

- Collaborated on mobile and backend development projects, contributing to app architecture and code optimization.
- Optimized backend code and database queries, improving application performance and reducing response times.
- Collaborated with cross-functional teams to drive project goals, contributing to a 30% reduction in development time.
- Implemented security features that increased data protection and user trust.

## Education

**Bachelor's Degree in Information Technology**
**Hadramout University | 01/2020 – 12/2024**

**Diploma in English**
**Elec English Institute, Malaysia | 11/2019 – 08/2020**

## Skills & abilities

- **Programming Languages:**
  - Python, C#, SQL, Dart
- **Artificial Intelligence & Machine Learning:**
  - Data Preprocessing, Model Training, AI Integration
- **Data Analytics:**
  - Data Cleaning, Visualization, Decision-Making (Google Data Analytics Certification)
- **Web & Mobile Development:**
  - Flutter, Full-Stack Development, ASP.NET Core, Firebase, MySQL
- **Tools & Frameworks:**
  - Langchain, Flask, Git, Tableau, Excel, Google Colab, Google Cloud
- **Design Tools:**
  - Adobe XD, Photoshop, Illustrator
- **Core Skills:**
  - Problem-Solving(300 points on HackerRank), Analytical Thinking, Team Collaboration, Adaptability

## Certifications

- **Google Data Analytics Professional Certificate** – Coursera, completed on 21 Nov, 2024.
  Covers eight courses including foundations of data analytics, data preparation, cleaning, analysis, and visualization using tools like spreadsheets, SQL, Tableau, and R.

- **Python for Data Science, AI & Development** – IBM, completed on 25 Nov, 2024.
  Focuses on using Python for data science and artificial intelligence, including libraries such as Pandas, NumPy, and SciKit-Learn.

- **AI Infrastructure and Operations Fundamentals** – NVIDIA, completed on 24 Nov, 2024.
  Explores foundational concepts in AI operations and infrastructure for deploying AI solutions effectively.

- **Build Generative AI Agents with Vertex AI and Flutter** – Google Cloud, completed on 24 Nov, 2024.
  Covers building AI-driven applications using Vertex AI and Flutter, focusing on generative AI agents.

- **Python (Basic) Certification** – HackerRank, earned on 28 Oct, 2024 (ID: 2A2B66D39505).
  Demonstrates proficiency in Python fundamentals, including data types, conditionals, loops, and functions.

- **Foundations: Data, Data, Everywhere** – Google Data Analytics Certificate.
  Provides fundamental skills in data analytics, including data-driven decision-making and exploration techniques.

- **Artificial Intelligence in Education and Learning** – Alison, completed on 17 Sep, 2024 (ID: 6871-41944478).
  Examines the application of artificial intelligence to enhance education and learning experiences.

# Projects

- **Medication Management System(c# ) | 11/2024 – 12/2024**
  Developed the backend using ASP.NET Core Web API with JWT-based authentication to securely handle prescription tracking, scheduling, and patient data management.

- **HomeRush Home Services App(c# , dart) | 08/2024 – 11/2024**
  Designed a platform that connects service seekers (customers) with service providers (workers), enabling seamless booking, real-time communication, and secure payment options. The app streamlines the process of finding and managing home services, ensuring convenience and reliability for both parties.

- **HALA AI Educational App(python , dart ) | 01/2024 – 06/2024**
  Developed an AI-driven educational mobile application that utilizes machine learning algorithms to personalize learning experiences, incorporating natural language processing and real-time analytics.

- **Adrenalin Mobile Exercise App(php , dart) | 02/2024 – 03/2024**
  Designed a mobile app using Flutter that **employs** AI to analyze user exercise patterns and provide customized workout routines, tracking user progress effectively.

- **Dungeons Desktop Security Application(c#) | 03/2023 – 05/2023**
  Engineered a security-focused desktop application with encryption and real-time threat monitoring features to enhance cybersecurity measures.

- **Phone Shop Management System(c#) | 05/2022 – 07/2022**
  Created a comprehensive system for phone shop management, including inventory tracking, sales reporting, and customer management.

- **Invitation Card Maker & QR Reader(dart) | 08/2024 – 09/2024**
  Developed an intuitive app for creating personalized invitations and integrating QR code functionality, streamlining user engagement.

# Languages

- English: Fluent
- Arabic: Native