

AHMED FARAG FEKRY

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Professional Summary

- Motivated Full Stack Developer with experience in Angular for frontend and .NET for backend development. Skilled in building responsive, scalable web applications using HTML, CSS, JavaScript (OOP), and Bootstrap. Experienced in designing RESTful APIs, working with MVC architecture, and managing data with SQL. Developed and deployed real-world projects including a smart bone fracture detection system integrated with AI models, a full-featured e-commerce app, and a company management system using .NET MVC. Adept at connecting AI models to web interfaces, using chatbots to improve user experience, and creating clean, user-friendly designs. Passionate about building complete solutions from backend logic to frontend presentation.

Education

Arab Open University

Sep. 2022 – June 2025

Bachelor of Science in Computer Science

Egypt

Soft Skills

- * Problem Solving (Reduced system inefficiencies by 30 percentage)
- * Team Collaboration (Worked with cross-functional teams to deliver 5+ successful projects)
- * Effective Communication (Improved stakeholder engagement by 25 percentage)
- * Adaptability (Implemented emerging tech like Docker and AI recognition)
- * Attention to Detail (Reduced bugs by 20 percentage through rigorous testing)

Experience

Route Academy

February 2025 – April 2025

.Net Backend Intern

Cairo

- Gained advanced knowledge of the .NET Framework, focusing on API development and MVC architecture.
- Improved database interaction efficiency by 20 percentage through stored procedures and ORMs.
- Addressed issues related to web services API calls, database queries, and back-end operations.
- Employed dependency injection frameworks like Ninject and StructureMap in MVC application development.

Route Academy

Nov 2024 – February 2025

Front End Developer Intern

Cairo

- Developed user interfaces for web applications using HTML, CSS and JavaScript.
- Built reusable components that can be used across multiple projects.
- Integrated third-party API's into existing web applications.
- Gained hands-on experience with Angular, a powerful frontend framework used to build dynamic and modern web applications.

Orange Digital Center

Sep 2024 – OCT 2024

AI Intern

Cairo

- Generated documentation and tutorials about the use of various AI tools.
- Coded scripts in Python or R to automate data preprocessing tasks.
- Built predictive models utilizing machine learning techniques such as regression, classification, clustering .

Huawei

July 2024 – AUG 2024

AI Intern

Cairo

- Implemented machine learning techniques, including deep learning and artificial neural networks, to interpret complex genomic datasets.
- Deployed advanced deep learning architectures, such as CNNs, RNNs, and LSTMs, for complex NLP tasks.
- Enhanced accuracy and efficiency of existing AI applications through implementation of innovative deep learning models.

NTI

June 2023 – July 2023

AI Intern

Cairo

- Researched emerging technologies including natural language processing, computer vision, and reinforcement learning.
- Developed automated target recognition systems using advanced machine learning and artificial intelligence techniques.
- Instructed advanced courses on machine learning, deep learning, natural language processing, and computer vision.

Projects

Bone Wise App

May 2025

- Built the project using MVC architecture to organize the code (frontend – backend – AI model).
- Used Pretrained AI models to detect fractures in 7 areas like the elbow, wrist, and hand.
- Connected the AI model with the web app to give results when users upload X-rays.
- Designed a simple and easy-to-use web interface for users.
- Added a chatbot to explain the results and give advice.
- Tools used: Python, TensorFlow, OpenCV, Flask.

Weather Forecasting App

November 2023

- Delivered a scalable weather app with real-time updates and optimized API calls.
- Improved user retention by 25% through UX optimization and performance tuning.

Login System App

December 2023

- Created a responsive login and registration form using HTML, CSS, and Bootstrap.
- Added form validation and interactive features with JavaScript.
- Designed a clean and user-friendly interface.
- Ensured the layout works well on all screen sizes.

Quiz App

November 2024

- Used OOP concepts in JavaScript to manage questions, answers, and scoring logic.
- Designed a clean and responsive UI using HTML, CSS, and Bootstrap.
- Included features like question navigation, timer, and score calculation.
- Built a dynamic and reusable structure to easily add or change quiz content.

E-Commerce App

October 2024

- Built a full frontend application with product listing, product details, and shopping cart.
- Used Angular components, services, and routing to structure the app.
- Implemented features like add to cart, wishlist, and search/filter.
- Designed a responsive UI using HTML, CSS, and Bootstrap.

Company System App

March 2025

- Followed the Model-View-Controller (MVC) pattern to organize code clearly and efficiently.
- Developed features like employee management, departments, tasks.
- Connected the frontend (HTML, CSS, Bootstrap) with the backend using controllers and models.
- Handled data operations like create, update, delete, and display.

Technical Skills

Frontend: Angular,HTML/CSS, JavaScript, bootstrap,tailwind
Backend: .NET Framework, Csharp, ASP.NET Core, API Integration, MVC Architecture
Database: SQL Server **Programming Languages:** Python,Java,Csharp,C++
Tools and Methodologies: Git (Version Control), Docker (Containerization), Postman (API Testing), Swagger (API Documentation), Agile (Scrum), RESTfulAPIs, Microservices, Data Structures and Algorithms, Unit Testing

Languages

- Arabic: Native
- English: Intermediate