

# AHMED FARAG FEKRY

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## Professional Summary

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- Junior Full Stack Developer with expertise in Angular and .NET. Built web applications using HTML, CSS, JavaScript (OOP), and Bootstrap. Designed RESTful APIs and managed data using SQL Server and MVC architecture. Delivered production-level projects such as a smart bone fracture detection platform integrated with AI, a scalable e-commerce system, and a management dashboard for companies. Integrated AI models with frontend interfaces and chatbot systems to streamline user interaction.

## Education

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### Arab Open University

*B.Sc. in Computer Science*

Sep 2022 – June 2025

Cairo, Egypt

## Soft Skills

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- Time Management (Completed internship milestones on time under sprint deadlines).
- Leadership (Led a mini-team of 3 developers to deliver key app features).
- Critical Thinking (Identified logic flaws and improved backend reliability).
- Creativity (Proposed UI redesigns that increased usability and clarity).
- Conflict Resolution (Facilitated integration between AI and frontend components).

## Experience

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### Route Academy

*.NET Backend Intern*

Feb 2025 – Apr 2025

Cairo

- Developed and optimized RESTful APIs using .NET MVC, reducing response time by 30%.
- Enhanced database performance by 20% using stored procedures and ORMs.
- Resolved 15+ issues in web services and backend logic.
- Utilized dependency injection frameworks like Ninject and StructureMap.

### Route Academy

*Frontend Developer Intern*

Nov 2024 – Feb 2025

Cairo

- Built 10+ reusable Angular components, reducing dev time by 30%.
- Integrated 3 external APIs to enhance UX.
- Enhanced UI performance by 25% using clean CSS and JS structuring.

### Orange Digital Center

*AI Intern*

Sep 2024 – Oct 2024

Cairo

- Automated data pipelines in Python, reducing processing time by 40%.
- Elevated ML models for classification and clustering with 85%+ accuracy.

### Huawei

*AI Intern*

Jul 2024 – Aug 2024

Cairo

- Applied CNNs, RNNs, and LSTMs to analyze genomic datasets.
- Improved NLP model accuracy by 20% using advanced training techniques.

### NTI

*AI Intern*

Jun 2023 – Jul 2023

Cairo

- Developed recognition systems using ML and AI.
- Delivered 2 advanced training sessions on DL and NLP tools.

Projects

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<b>Bone Wise App</b> <ul style="list-style-type: none"><li>– Used MVC architecture to connect AI models with frontend and backend.</li><li>– Achieved 90%+ fracture detection accuracy on 7 body parts.</li><li>– Integrated chatbot to explain results and recommend next steps.</li></ul>	<b>May 2025</b>
<b>Weather Forecasting App</b> <ul style="list-style-type: none"><li>– Improved user retention by 25% by redesigning UX and optimizing API calls.</li></ul>	<b>Nov 2023</b>
<b>Login System App</b> <ul style="list-style-type: none"><li>– Engineered responsive form with JavaScript validation.</li><li>– Enhanced task completion speed by 25%.</li></ul>	<b>Dec 2023</b>
<b>E-Commerce App</b> <ul style="list-style-type: none"><li>– Implemented cart, wishlist, and filtering using Angular.</li><li>– Boosted performance by 20% with lazy loading.</li></ul>	<b>Oct 2024</b>
<b>Company System App</b> <ul style="list-style-type: none"><li>– Accelerated full CRUD system for employee/department management using MVC.</li></ul>	<b>Mar 2025</b>

Technical Skills

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**Frontend:** Angular, HTML/CSS, JavaScript, Bootstrap, Tailwind  
**Backend:** .NET Core, ASP.NET MVC, C#, API Integration  
**Database:** SQL Server  
**Languages:** Python, Java, C++, C#  
**Tools:** Git, Docker, Postman, Swagger, REST APIs, Agile, Unit Testing

Languages

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- Arabic: Native
- English: Intermediate