

## ELAMIR AYMAN YOUSEF

### Contact Information:

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### Professional Summary

Results-driven Full Stack Developer with 2+ years of experience in .NET, React, and SQL, specializing in building and optimizing scalable web applications. Skilled in RESTful APIs, MVC architecture, and microservices. Proven track record of improving system efficiency by 30% and delivering user-centric solutions. Adept at API integration, database management, and containerized deployments using Docker.

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### Education

Bachelor of Science in Computer Science  
Arab Open University, Egypt  
September 2021 – September 2025

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### Professional Experience

Freelance Software Developer  
May 2023 – Present

- **AI-Powered Missing Persons Platform:**
  - Led the development of an advanced platform using .NET and SQL, incorporating AI-based image recognition.
  - Improved search accuracy by 35% and reduced case processing time by 40%.
  - Implemented RESTful APIs for seamless integration and microservices to enhance scalability.
  - Achieved a 20% improvement in response times through optimized database queries and caching techniques.
- **Weather Forecasting App:**
  - Built a dynamic weather app using React and the OpenWeather API to provide real-time weather updates.

- Improved API call efficiency by 25%, reducing load times and enhancing the user experience.
  - Increased app traffic by 30% through SEO optimization and improved user engagement.  
✦ [GitHub Link](#)
  - **Responsive Café Portfolio Website:**
    - Designed and developed a responsive website using HTML, CSS, JavaScript, and React.
    - Increased customer inquiries by 40% and optimized page speed by 20%.
    - Implemented SEO best practices, improving search engine ranking by 15%.  
✦ [GitHub Link](#)
  - **Secure Card Management System:**
    - Engineered a secure and scalable system for managing sensitive user data using .NET and SQL Server.
    - Reduced data retrieval time by 25% and improved system security through encryption and unit testing.
    - Automated 95% of validation processes to ensure data integrity and minimize human error.
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## Internships & Training

- **DEPI Full Stack Training:**
    - Mastered end-to-end web development using .NET Core, React, and SQL.
    - Built and deployed microservices and RESTful APIs for complex systems.
  - **MEC Frontend Development Training:**
    - Specialized in creating responsive, interactive UIs using React, HTML, CSS, and JavaScript.
    - Optimized React components to improve performance by 15%.
  - **Route .NET Training:**
    - Gained advanced knowledge of the .NET Framework, focusing on API development and MVC architecture.
    - Improved database interaction efficiency by 20% through stored procedures and ORMs.
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## Technical Skills

**Frontend:** HTML, CSS, JavaScript, React (Hooks & Context API)

**Backend:** .NET Framework, C#, ASP.NET Core, API Integration, MVC Architecture

**Databases:** SQL, MySQL, SQL Server (Advanced Query Optimization)

**Programming Languages:** Python, C++, Java

**Tools & Methodologies:** Git (Version Control), Docker (Containerization), Postman (API Testing), Swagger (API Documentation), Agile (Scrum), RESTful APIs, Microservices, Data Structures & Algorithms, Unit Testing, CI/CD Pipelines

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## **Soft Skills**

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

- **AI-Powered Missing Persons Platform:**
    - Built a platform utilizing AI image recognition to locate missing individuals.
    - Increased match accuracy by 35% through advanced machine learning algorithms.
    - Decreased processing time by 40% via optimized API and database structures.
  - **Weather Forecasting App:**
    - Delivered a scalable weather app with real-time updates and optimized API calls.
    - Improved user retention by 25% through UX optimization and performance tuning.
  - **Café Portfolio Website:**
    - Created a React-based website for a local café, increasing customer traffic by 40%.
    - Implemented advanced SEO strategies, boosting search engine rankings by 15%.
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## **Languages**

- **Arabic: Native**
- **English: Professional Working Proficiency**