

ZAKARIA HAROUKI

Frontend Developer | Backend Developer | Software Developer | Software Consultant

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SUMMARY

Experienced Full Stack Developer with 5 years of expertise in .NET technologies, front-end and back-end development, and API integration. Proven track record of optimizing application performance, enhancing user experience, and streamlining workflows.

Notable achievements include leading AI-driven automation that improved data processing efficiency by 70% and optimizing a CMS, boosting UI responsiveness by 75%. Passionate about developing scalable, high-performance applications in dynamic and innovative environments.

EXPERIENCE

Software Engineer

Cody Smart

08/2022 - Present Dubai, United Arab Emirates

One of the rising companies in Dubai in the tech field, they invest in solution architectures and AI. Committed to delivering smart, adaptive digital solutions that help organizations thrive and exceed expectations in a fast-evolving world.

- Optimized existing software, boosting performance by 40% through debugging, security enhancements, and critical bug fixes.
- Integrated custom services into Accela Software, enhancing system capabilities by 60% and streamlining workflow automation.
- Developed scalable web applications using .NET Core and Angular, supporting cultural heritage initiatives with the Ministry of Tourism and Antiquities (MOTA) in Egypt.
- Engineered AI models for tender data analysis, leveraging Python and machine learning to improve predictive insights and decision-making.
- Built microservices and Web Services (SOA/SOAP/REST/XML) using Docker, enhancing API communication efficiency.
- Deployed CI/CD pipelines via Jenkins and Azure DevOps, reducing deployment time and improving integration workflows.
- Collaborated with the Department of Health (DOH) in UAE to optimize healthcare software, ensuring compliance with HIPAA and GDPR regulations.

Full Stack Developer

Born Interactive

01/2022 - 08/2022 Beirut, Lebanon

An independent Integrated Communication Agency founded in 1996, specializes in delivering creative digital solutions that drive interactive and result-oriented experiences for diverse global clientele.

- Optimized a global CMS built on .NET Core and Razor Pages, improving performance by 45% and UI responsiveness by 75%.
- Integrated advanced features into the insurance system "Comin," streamlining policy management and automating claims processing.
- Developed REST APIs for insurance applications, reducing data retrieval time by 50% and improving workflow efficiency by 40%.
- Enhanced real-time user interactions in JavaScript and AJAX applications, cutting load times by 50% and improving data retrieval.
- Led cloud-based deployment and microservices integration for high-profile projects like Al Jadeed TV and Eatally Arabia.
- Strengthened authentication security mechanisms, benefiting thousands of developers worldwide.
- Applied modern software development practices to optimize system architecture and scalability.

PROJECTS

AI-Powered Tender Analysis System

Developed an AI-driven model to collect and analyze tender data using Python and machine learning, improving predictive insights and strategic decision-making. Enhanced automation with NLP techniques, increasing data processing efficiency by 70%.

Healthcare Compliance Software for UAE's Department of Health (DOH)

Engineered and optimized healthcare-related software systems integrated with Accela, ensuring compliance with HIPAA and GDPR. Implemented real-time data processing and secure authentication, enhancing service delivery and patient management.

Cloud-Based Web Application for Sharjah Health Care City (SHCC)

Designed and supported a scalable web application focused on improving healthcare infrastructure. Leveraged .NET Core and Angular to enhance patient care management and operational efficiency within the healthcare sector.

KEY ACHIEVEMENTS

Enterprise-Wide Automation Initiative

Sole responsibility for a key project that resulted in a 20% upsurge in user engagement through intuitive feature enhancements.

Awarded for Outstanding System Optimization

Recognized for optimizing an existing software architecture, improving system efficiency by 40% and significantly enhancing user experience through reduced load times and better resource management.

Key Contributor to AI-Driven Data Insights

Played a pivotal role in integrating AI-powered analytics into enterprise applications, enabling predictive insights that improved strategic decision-making for clients in the healthcare and logistics industries.

SKILLS

Programming

C#	Java	Python	PHP
JavaScript	TypeScript		

EXPERIENCE

Full Stack Developer

AMAGS global

📅 12/2020 - 01/2022 📍 Barcelona, Spain

A company that works in the sourcing and logistics field by doing procurement and importing products from China, Mexico, and Spain.

- Developed and maintained the company's main website and three sub-company sites using .NET Core, Razor Pages, and SQL Server, boosting brand visibility and engagement.
- Implemented responsive front-end technologies (HTML5, CSS3, JavaScript, Bootstrap), improving SEO and increasing web traffic by 40%.
- Built a custom CMS that streamlined content management, reducing update time by 50% and integrating analytics for real-time visitor tracking.
- Engineered REST APIs for an internal sourcing platform, automating vendor matching and real-time order tracking, enhancing procurement efficiency by 60%.
- Developed a dynamic inventory tracking system using JavaScript and AJAX, improving data accuracy and reducing page reloads by 80%.
- Strengthened application security with JWT authentication, ensuring data integrity and reducing error rates by 40%.
- Optimized sourcing operations, enabling cost savings by automating vendor comparison and securing the most competitive quotes instantly.

EDUCATION

Bachelor's Degree in Telecommunications Engineering

Lebanese International University - LIU - GPA 3.2

📅 01/2015 - 01/2020

LANGUAGES

English Native		Arabic Native	
Russian Intermediate			

SKILLS

Technologies

Rest APIs **.NET Web APIs** **HTML5**

CSS3 **JavaScript** **jQuery**

Bootstrap 4 **.NET Core**

Entity Framework **RESTful API** **MVC**

Angular 13

Databases

MSSQL **MySQL** **SQL**

Tools

Docker **Git** **Azure** **WordPress**

Additional Skills

Conceptual and Creative Thinking Skills

Agile Development Methodologies

Evaluation, Analytical, and Observational Skills

Decision-Making and Leadership Skills

Object-Oriented Programming

Coding and Debugging Expert

Proactive Teamwork Collaboration and Interpersonal Communication Expertise

Software and App Development Proficiency

Effective Problem-Solving

Attention to Detail **Time Management**