

Yahya Shanaah

Full-Stack Software Engineer

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SUMMARY

Full-Stack Software Engineer with proven expertise in **.NET (C#, ASP.NET Core)** and **modern JavaScript frameworks** including **Angular, Next.js, and Node.js**. Experienced in building **scalable, high-performance applications** and integrating **Python (Django, FastAPI)** for backend or AI-driven services. Proficient in **cloud and DevOps technologies** such as **Azure, Docker, Kubernetes**, and **load balancing**. Passionate about leveraging **AI and machine learning** to enhance user experience and system efficiency. Committed to writing **clean, maintainable code**, optimizing performance, and **continuously learning** to stay ahead in a rapidly evolving tech landscape.

EDUCATION

BSc in Software Engineering | Jadara University | Irbid, **Jordan** | 2018 – 2021

- Focus: Software engineering, Algorithms, Data Structure, Databases, web/mobile development
- Final project: Developed a **web application** that connects users with local professionals, for on-demand services. Focused on creating an intuitive user experience and efficient backend architecture.

WORK EXPERIENCE

Freelance Full Stack Software Engineer | April 2025 – Present | Remote

- Designed and developed custom websites and web applications tailored to client requirements, delivering responsive, user-friendly, and performance-optimized solutions.
- Built full-stack applications using **.NET, Node.js, React, and Next.js**, ensuring scalability, clean architecture, and maintainable codebases.
- Integrated APIs, databases, and authentication systems to enable seamless data flow and secure user experiences.
- Deployed and managed applications using **Docker** and cloud platforms such as **Azure** and **Vercel**, ensuring high availability and smooth delivery.
- Collaborated with clients from diverse industries to translate business needs into efficient technical solutions and actionable deliverables.

Full Stack Software Engineer | eData Information | Feb 2024 – April 2025 | Onsite | Dubai, UAE

- **Designed and developed** a real estate web platform using **ASP.NET Core and React.js**, improving property inquiry efficiency by enabling users to browse listings, schedule viewings, and contact brokers directly.
- **Implemented SEO optimizations and performance improvements** across web platforms to boost search visibility and user engagement.
- **Containerized and deployed applications** with **Docker** and managed infrastructure using **Kubernetes**, reducing deployment time and improving system reliability.
- **Developed CI/CD pipelines** using **GitHub Actions**, automating builds, testing, and deployments across multiple environments.
- **Integrated RAG (Retrieval-Augmented Generation) pipelines** and **custom-trained machine learning models** to enhance automation, personalization, and intelligent decision-making in client platforms.

- Authored comprehensive technical documentation and API references to support internal development and external integrations.
- Created automated analytics and reporting tools using Python, Pandas, and Google Sheets, empowering stakeholders with real-time, data-driven insights.
- Built a fully automated invoicing system — covering database design, backend logic, and PDF generation workflows — using ASP.NET Core MVC (Razor Pages).
- Collaborated with stakeholders to present technical updates, propose solutions, and align development efforts with business objectives.

Full Stack Software Engineer | Ensprerity Ventures | Dec 2022 – Dec 2023 | Remote | Amman, Jordan

- Contributed to the development of a scalable e-learning platform using Angular and ASP.NET Core as the main tech stack.
- Assisted in designing the system's architecture and database schema, ensuring performance and maintainability.
- Developed core frontend features for course navigation, user dashboards, and content interaction with a focus on usability.
- Built and maintained RESTful APIs to support backend functionality including authentication, course management, and progress tracking.
- Worked closely with designers and product owners to translate requirements into responsive, high-quality software.

LANGUAGE, SKILLS AND CERTIFICATES

Languages: Arabic (native), English (fluent), Turkish (intermediate).

Core Skills:

- **Backend:** C#, ASP.NET Core, Python, Node.js, TypeScript, JavaScript (ES6+), Angular, React.js, Django, FastAPI, Express.js, MVC Architecture.
- **Frontend Development:** Responsive UI Design, Tailwind CSS, Blazor, Angular Material, Component-Based Architecture, SEO Optimization, State Management (Hooks, Context API).
- **Backend Development:** OOP, SOLID Principles, Design Patterns, RESTful API Development, Authentication & Authorization (JWT/OAuth2), Microservices, Clean Architecture, Repository & Service Pattern.
- **DevOps & CI/CD:** Docker, Kubernetes, Jenkins, GitHub Actions, AWS DevOps, CI/CD Pipelines, Load Balancing, Container Orchestration.
- **Cloud & Databases:** Microsoft Azure (App Services, Blob Storage, SQL Server), PostgreSQL, MySQL, MongoDB, Supabase .
- **Tools & Workflow:** Git, Postman, Swagger, Figma, Visual Studio Code, MCP, Jira, UML & Sequence Diagrams, API Documentation, Unit Testing, RabbitMQ, Kafka, Redis, Linux.
- **AI & ML:** Python for Data Science, Pandas, NumPy, Matplotlib, Scikit-learn, Chatbots, gTTS (Text-to-Speech), FastAPI for ML APIs, RAG (Retrieval-Augmented Generation).

Certifications (Selected):

- **ASP.NET Core Web API – From Scratch to Finish – Udemy**
- **Angular - The Complete Guide (2025 Edition) – Udemy**
- **Intro to Machine Learning – Kaggle**
- **Data Structures & Algorithms – Cloud Native Base Camp**