

# Yahya Shanaah

## *Full-Stack Software Engineer*

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### **SUMMARY**

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Full-Stack Software Engineer with strong expertise in .NET, including C#, ASP.NET Core, and related technologies. Proficient in building scalable applications with Node.js, React.js, Next.js, and Python (Django, FastAPI). Skilled in cloud technologies such as Azure, Docker, Kubernetes, and load balancing. Passionate about integrating AI and machine learning to optimize development and create intelligent, efficient solutions. Focused on delivering high-quality, maintainable code and continuously expanding my skill set. A strong advocate for clean code, performance optimization, and continuous learning to stay ahead.

### **EDUCATION**

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BSc in Software Engineering | Jadara University | Irbid, Jordan | 2017 – 2020

- 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**

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

- Developed a real estate web platform using **Next.js** (frontend) and **ASP.NET Core** (backend), allowing users to browse listings, schedule viewings, and contact brokers directly.
- Built scalable **data scrapers** in **Python** for collecting real estate and vehicle data across the MENA region, improving data accuracy and coverage.
- Implemented **SEO optimization** and performance enhancements across web platforms to increase search visibility and user engagement.
- Containerized and deployed applications using **Docker** and managed infrastructure with **Kubernetes**, improving deployment speed and reliability.
- Designed and maintained **CI/CD pipelines** using **GitHub Actions**, enabling streamlined deployments and automated testing across multiple projects.
- Integrated **LLM-based AI solutions and chatbots** into internal and customer-facing platforms to enhance automation and user experience.
- Managed and optimized **Azure SQL Server** databases for performance, scalability, and reliability.
- Authored detailed **technical documentation** and **API references** to support internal teams and external integrations.
- Created automated **analytics and reporting tools** using **Python**, **Pandas**, and **Google Sheets**, helping stakeholders make data-driven decisions.
- Built a full **automated invoicing system**, including database design, backend logic, and invoice generation workflows.
- Participated in stakeholder meetings to present technical updates, propose solutions, and align development efforts with business goals.
- Developed internal tools and dashboards using **Angular** for operations, analytics, and reporting tasks.

Full Stack Software Engineer | Ensprerity Ventures | Feb 2022 – June 2023 | Onsite | 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***

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

### **Core Skills:**

- **Languages & Frameworks:** C#, ASP.NET Core, Python, Node.js, JavaScript, TypeScript, Angular, React.js, Next.js, Django, FastAPI, Express.js
- **Frontend Development:** Responsive UI Design, Angular Material, Tailwind CSS, Component-Based Architecture, SEO Optimization
- **Backend Development:** SOLID Principles, Design patterns, OOP, RESTful APIs, Authentication & Authorization (JWT/OAuth2), Microservices, Clean Architecture, Background Jobs
- **DevOps & CI/CD:** Docker, Kubernetes, GitHub Actions, AWS DevOps, Load Balancing, CI/CD Pipelines
- **Cloud & Databases:** Microsoft Azure (App Services, Blob Storage, SQL Server), PostgreSQL, MySQL, MongoDB, Jenkins
- **Tools & Workflow:** Git, Postman, Swagger, Figma, Notion, Jira, UML, Sequence diagram, API Documentation, Unit Testing, RabbitMQ, Redis, Linux

### **Certifications (Selected):**

- Certification Data Structure and Algorithms From Cloud Native Base Camp
- Certification Build ASP.NET Core Web API - Scratch To Finish From Udemy