

HUSSEIN BACHIR

JUNIOR DEVELOPER

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SUMMARY

Computer Science graduate skilled in full-stack development with Python (Django) and .NET 9 (ASP.NET Core MVC). Experienced in building scalable web apps (e-commerce, recommender systems) using Entity Framework Core, Azure, and modern frontend tools (Bootstrap 5, Razor Pages). Proficient in AI/ML (TensorFlow, PyTorch) and cloud deployment (AWS, Azure). Passionate about clean architecture and solving real-world problems.

EDUCATION

Bachelor's in Computer Science
Beirut Arab University 2023 – 2025

SKILLS

- Languages: Python, C#, Java, JavaScript
- Frameworks: ASP.NET Core MVC (.NET 9), Django, Flask, Entity Framework Core
- Web Technologies: REST APIs, Razor Pages, Bootstrap 5, jQuery
- Databases: SQL Server, MySQL, PostgreSQL, MongoDB
- Cloud & DevOps: Azure App Services, Azure SQL, Docker Basics, CI/CD
- AI/ML: TensorFlow, PyTorch, Scikit-learn, NLP (Hugging Face)
- Development Tools: Visual Studio 2022, VS Code, Git, GitHub, Jupyter
- Core Concepts: OOP, Data Structures, Algorithms, Design Patterns

CERTIFICATIONS

- ASP.NET Core MVC (.NET 9) (Udemy, 2025)
- Generative AI with AWS (Udacity, 2025)
- Python certification (Udemy)
- Recommendation system (Udemy)
- Competitive Programming Honor (LCPC, 2024)

PROJECTS AND COURSES

PROJECTS

E-Commerce Platform (ASP.NET Core MVC - .NET 9) | Freelance Project

- Developed a production-ready online store selling mugs/phone cases using ASP.NET Core MVC.
- Integrated ASP.NET Identity for user roles (Admin/Customer).
- Implemented Repository Pattern, Dependency Injection, and automated database seeding.
- Designed responsive UI with Bootstrap 5 and dynamic components (View Components, Tag Helpers).
- Deployed on Microsoft Azure with SQL Database and configured IIS for on-premises hosting.

Senior Project(MESHWAR)

- Developed a hybrid recommender (matrix factorization/neural networks) and routing system (graph algorithms) with Django/PostgreSQL backend, containerized using Docker.

PYTHON

UDEMY (Jose Portilla) | 2024

I completed a Python programming course on Udemy, earning certification. The course strengthened my foundational Python skills and prepared me for advanced programming tasks.

INTRODUCING GENERATIVE AI WITH AWS

UDACITY (AWS) | 2025

Completed a comprehensive course on generative AI fundamentals, covering transformer-based LLMs, prompt engineering, and ethical deployment using AWS tools (SageMaker). Gained hands-on experience in fine-tuning domain-specific models and applying generative AI in real-world scenarios.

Recommendation systems with deep learning

UDEMY (Frank Kane) | 2025

Completed a course covering collaborative filtering, deep learning-based recommender systems, matrix factorization (SVD, SVD++), session-based recommenders (RNN, GRU), hybrid models, and big implementations using Apache Spark. Hands-on experience in recommender system evaluation and solving real-world challenges like cold start.