Belal Edoor

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I am a software engineer specializing in backend development, scalable systems, and AI solutions. I design and build robust server-side architectures, integrate machine learning models, and deploy AI-powered applications in real-world environments. I am proficient in ASP.NET, Node.js, PostgreSQL, and modern backend frameworks, and have gained practical experience through extensive training and internships in AI, natural language processing, and backend systems. I combine strong analytical and problem-solving skills with academic excellence to deliver effective and intelligent digital solutions.

Technical Skills

Backend Development: Node.js, Express.js, ASP.NET, Entity Framework, PostgreSQL, REST APIs, Authentication, Deployment

Programming Languages: C#, Python, Java, C++, JavaScript, TypeScript

AI & ML: Neural Networks, TensorFlow, Scikit-learn, NLP, LLMs, Model Development, Training & Evaluation

Core Concepts: Data Structures, Algorithms, OOP, SQL, Design Patterns, Distributed Systems

Tools: Git, GitHub, VS Code, Firebase, Docker, Postman, Jupyter Notebook

Education & Training

LLM & NLP Training | Gaza Sky Geeks
Jun 2025 – Aug 2025

Trained in NLP, LLMs, and text analysis with hands-on projects, focusing on practical implementations and real-world AI applications. Gained experience in building, fine-tuning, and evaluating language models, developing intelligent text-processing pipelines, and integrating AI capabilities into functional, user-oriented systems.

AI Back-End Internship | Trusted Systems
Jul 2025 – Aug 2025

Worked extensively on ASP.NET backend development, including designing RESTful APIs, managing databases, implementing authentication and authorization, and handling deployment workflows. Developed a full-featured Bookstore application with AI-powered book recommendation functionality, ensuring seamless integration between backend services and intelligent recommendation algorithms.

Full-Stack Development Nanodegree | Udacity
Aug 2025 – Oct 2025

Trained in both frontend and backend web development through a comprehensive program. Learned to build full-stack applications using HTML, CSS, JavaScript, Node.js, Express, PostgreSQL, and REST APIs, while gaining hands-on experience in creating responsive interfaces, developing scalable server-side systems, implementing secure authentication, and deploying applications in real-world scenarios.

AI Engineer | Zakey.tech
Sep 2025 – Feb 2026

Trained in an intensive bootcamp focused on LLM fine-tuning, NLP, and AI agent deployment, gaining extensive hands-on experience in designing, implementing, and deploying practical AI solutions. The program emphasized building real-world applications, optimizing model performance, integrating AI agents into production systems, and solving complex language processing tasks with measurable impact.

DataCamp Scholarship Program | Gaza Sky Geeks
Sep 2025 – Present

Awarded a fully-funded DataCamp scholarship to advance expertise in data science, Python, SQL, and AI tools. Completed a structured, self-paced program with guided projects, mentorship, and community support, gaining hands-on experience in data analysis, programming, and applying AI techniques to practical, real-world problems.

Projects

LitMind Chatbot
I developed an interactive application called LitMind using Python and Gradio, which reads book data, provides intelligent text summaries via the BART model, and recommends the best books based on ratings and recent publications, with caching support to increase efficiency and improve user experience.

BookEcommerce APIs
The Book_Ecommerce_APIs project is an ASP.NET-based API set designed to support book e-commerce applications, focusing on data management, operations handling, and application workflows. It provides secure endpoints for user management, order processing, inventory tracking, and seamless integration with front-end platforms

AllerPredict Agent
AI-powered product analysis system that detects allergens, evaluates risk levels, and recommends safer alternatives using RAG, multi-agent AI architecture (CrewAI), and local LLM processing. Developed a full-stack solution with FastAPI and React focused on privacy, intelligent product insights, and real-world consumer safety support.

Patient Deterioration Prediction System
AI-powered system that predicts patient deterioration using deep learning and clinical data analysis. It provides early risk detection to support proactive medical decisions. Built using FastAPI, React, and TensorFlow with real-time risk assessment features.

Languages: Arabic (Native), English (Intermediate).