

# Engineer Bilal 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

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

## Education & Training

**Front-End Development Nanodegree | Udacity** Oct 2024 – Mar 2025

Gained hands-on experience in HTML, CSS, JavaScript, SCSS, Webpack, modular programming, and backend integration with Node.js/Express.

**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.

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

Worked on ASP.NET backend development, database management, authentication, and deployment. Built a Bookstore app with AI book recommendations.

**Full-Stack Development Nanodegree | Udacity** Aug 2025 – Present

Learning Angular, Node.js, PostgreSQL, and REST APIs with a focus on building scalable applications, secure authentication systems, and reliable deployment practices.

**AI Intern – Deep Dive LLM** Sep 2025 – Present

Participating in an intensive bootcamp on LLM fine-tuning, NLP, and AI agent deployment, gaining hands-on experience in building practical and impactful AI solutions.

**DataCamp Scholarship Program | Gaza Sky Geeks** Sep 2025 – Present

Awarded a fully-funded DataCamp scholarship to enhance skills in data science, Python, SQL, and AI tools through a structured self-paced program with mentorship and community support.

## Projects

### E-Commerce Store

An online store built with React that displays categorized products, supports search and filtering, and allows users to add products to their cart or favorites. It offers a responsive and easy-to-use user interface, with real-time interactions and integration with local storage.

### DentalHub Platform

DentalHub Platform is a digital system for managing dental clinics, offering tools for appointments, patient records, and communication. It enhances workflow efficiency and improves patient experience.

### LitMinde 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