

Ahmed Elsayed Abdel-Al

Aspiring .NET Full Stack Developer

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Summary

Business Information Systems undergraduate (GPA: 3.58) with a strong foundation in **full-stack web development, Python programming, and database systems**, alongside proficiency in **.NET Framework/Core and C#** for enterprise application development. Seeking an **entry-level .NET Full Stack Developer position** to apply programming expertise and web development experience to the .NET ecosystem, contribute to **enterprise solutions using C#, ASP.NET, and SQL Server**, and leverage business acumen to build **user-centered software** in a professional agile environment.

Projects

Sierra ILS Library Management System

Academic Project (May 2025)

- Developed **OOP solution** in Python with **.NET design patterns** and **SOLID principles**
- Implemented **book management** with validation, **error handling**, and **dynamic menu systems**

Car Loan Calculator Application

Academic Project (May 2025)

- Created a **GUI financial calculator** with **Python Tkinter** and **complex algorithms**
- Implemented **real-time calculations** and **comprehensive error handling**

Pet Adoption Website

Student Activity Project (March 2025)

- Developed **responsive website** using **HTML5, CSS3**, and **mobile-first design**
- Applied **semantic HTML** with **frontend validation** and **cross-device compatibility**

Personal Assistant Web App

Team Project (September 2024)

- Built a **full-stack application** using **Python Flask, PostgreSQL**, and **RESTful APIs**
- Integrated **external APIs, authentication**, and **real-time chat** with **OpenAI GPT-3**

Portfolio Website

Personal Project (August 2024)

- Designed and developed responsive portfolio site using **HTML and CSS**
- Focused on clean layout presentation and cross-device compatibility

Education

Bachelor of Business Information Systems

Helwan University, Cairo

2023 – 2027 (Expected)

GPA: 3.58 (Excellent)

Relevant Coursework: System Analysis & Programming, Database Systems, Business Process Management, Financial Analysis, Statistics & Operations Management

SKILLS

Programming Languages

- Python - C# - C++ - SQL - JavaScript - VB (Visual Basic)

Frameworks & Technologies

- .NET Framework/Core - Entity Framework - Django - Tkinter - Software Development

Development Tools & Practices

- Git Version Control - Visual Studio Code - Visual Studio - AI-assisted Development - Agile Development - Code Review

Soft skills

- Problem Solving - Team Collaboration - Communication Skills - Adaptability

Web Development

- HTML5/CSS3 - Flask - ASP.NET ☑ - REST APIs - Bootstrap - Flask-SocketIO - Front-End Development

Database Systems

- PostgreSQL - SQL Server - SQLAlchemy - Database Design - Query Optimization

Business Information systems

- Information Technology - Computer Science Fundamentals - System Analysis - Software Architecture - Technical Problem Solving

Languages

Arabic (Native) - English (Intermediate)

Certificates

Full Stack Web Development Using Python – ITI (1-month Bootcamp)

- Intensive training in Python web development and Flask framework integration
- Hands-on experience with database integration and collaborative development

Leadership Basics & Strategic Thinking | Vital | Awake Training

- Team leadership and strategic planning skills for software development teams

CIB Egypt Internship Program

- Fintech training in financial technology applications and banking systems
- Enhanced understanding of enterprise software requirements and security considerations

Microsoft Excel – Basic to Advanced

- Proficient in data analysis, automation, and business intelligence

AI Career Essentials (AICE) Internship

- AI and machine learning fundamentals with practical applications in software development
- Enhanced understanding of AI integration in modern applications and intelligent systems development

Full Stack .NET Development – DEPI (Digital Egypt Pioneers) (6-month Program)

- Comprehensive training in C#, ASP.NET ☑ Core, and .NET ecosystem development
- Hands-on experience with Entity Framework, SQL Server, and web API development
- Full stack application development using modern .NET technologies and best practices