

INTENSIVE CODE CAMP
FULL-STACK WEB & GENERATIVE AI
DEVELOPMENT USING .NET
2025/2026
Be one of our Graduates Family

Track Overview

Information Technology Institute

People Develop Countries .. We Develop People



- ✉ ITIinfo@iti.gov.eg
- ☎ +202-35355656
- 📍 28 Km Cairo / Alexandria Desert Road, B148 Smart Village, Egypt
- 📘 Intensive Training Program
- 🌐 www.iti.gov.eg

Full-Stack Web & Generative AI Development using .Net



DESCRIPTION

ITI Intensive Code Camp – (.Net Full Stack Developer) Specialization - is a product based program that will empower you to learn advanced theoretical and practical skills. The program combines the study of fundamental aspects of software engineering and programming concepts with a hands-on approach. The students could be promoted for Microsoft Desktop Solution Developer and Microsoft Web Solution Developer Jobs, and could have Microsoft Certified Solutions Developer (MCSD) certificate.



WHO MAY APPLY

All University Graduates especially Computer Science and Engineering Graduates and Applicants willing to expand their skills and knowledge.



TRACK DURATION

630 Hours around 5 months (learning and project).



DELIVERY APPROACH

Learning Journey in Track follows:

Self-paced | Online | Guided Practices

Project Based Focused Journey

Your Mentor supports throughout all the learning journey

BEFORE YOU APPLY

Candidates will have to complete the following prerequisite courses to join our program:

- An Introduction to Programming by studying this course at Coursera "An Introduction to Programming" <https://www.coursera.org/learn/intro-programming>
- Computer Programming Tutorial at https://www.tutorialspoint.com/computer_programming/index.htm
- Intro to SQL: Querying and managing at <https://www.khanacademy.org/computing/computer-programming/sql>
- other resources that you prefer Web Fundamentals at <http://www.maharatech.gov.eg>
- ITI values that could be found here: [http:// www.iti.gov.eg/Site/AboutUs](http://www.iti.gov.eg/Site/AboutUs)

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GRADUATE PROFILES

- .NET Full stack Developer
- .NET Web Application Developer
- Backend Developer



REQUIRED TOOLS

Microsoft Visual Studio
Microsoft SQL Server
Visual Studio Code



TRACK PRACTICES

Candidates are working together in one of the following Suggested Projects:

- Otlob
- JUMIA
- Booking

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OVERALL LEARNING JOURNEY OUTLINE

SY01 - 8%

Software Development Fundamental
Object Oriented Programming using C#

SY02 - 14%

Frontend Web Development
Client-Side Technologies
HTML 5 & CSS3
Bootstrap Framework

SY03 - 24%

Microsoft .NET Core Programming
Visual C# .NET
LINQ & Entity Framework
Microsoft SQL Server Programming

SY04 - 12%

MEAN Stack Development
Modern JavaScript (ES6+) and
TypeScript Fundamentals
Angular Fundamentals

SY05 - 13%

Microsoft Web Applications Development
ASP. Net MVC Core
ASP. Net Web API

SY06 - 8%

Workshops
Operating Systems Fundamentals Workshop
Database Fundamentals Workshop
Network and security fundamentals workshop
Introduction to Software testing workshop
Agile Workshop

SY05 - 11%

Employability Skills
Effective Presentation Skills
Freelancing Fundamentals
Effective Communication Skills
Work Ethics Workshop
CV Writing & Interviewing Skills

SY07 - 4%

Supporting Courses
Source Control
Secure coding

SY08 - 6%

Gen AI Courses
Introduction to Generative AI and prompt
engineering
AI-powered Coding Assistant tools
Developing Gen-AI based software

OTHER USEFUL INFORMATION