



INTENSIVE CODE CAMP **M(E|R)N STACK DEVELOPER** **2024/2025**

Be one of our Graduates Family

Track Overview

Information Technology Institute

People Develop Countries .. We Develop People



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- 📍 28 Km Cairo / Alexandria Desert Road,
B148 Smart Village, Egypt
- 📘 Intensive Training Program
- 🌐 www.iti.gov.eg

M(E|R)N STACK DEVELOPER



DESCRIPTION

ITI Intensive Code Camp – MEARN stack Specialization - is a product based program that will empower you to learn the latest technologies in both MEARN and MERN stack development technologies and tools.



WHO MAY APPLY

All University Graduates with prerequisites of basic programming skills, HTML and CSS.



TRACK DURATION

512. Hours around 3.5 months (learning and project).



DELIVERY APPROACH

Blended between Self-paced, Synchronous Learning and Guided Practices with a Project Based Focused Journey.

BEFORE YOU APPLY

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

An Introduction to Programming could be found at Coursera:

<https://www.coursera.org/learn/intro-programming>

or Computer Programming Tutorial at

https://www.tutorialspoint.com/computer_programming/index.htm

Introduction to web Technologies could be found at MaharaTech:

<http://bit.ly/2OGcLix>

or Udacity <https://classroom.udacity.com/courses/ud001>

Introduction to Database could be found at MaharaTech:

<https://maharatech.gov.eg/enrol/index.php?id=740>

or Khan Academy <https://www.khanacademy.org/computing/computer-programming/sql>

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GRADUATE PROFILES

- Full-Stack JavaScript Developer
- MEAN Stack Developer
- MERN Stack Developer
- Node.js Developer



REQUIRED TOOLS

Each course lists the required programs installation

- VSCode, and/or Brackets
- Nodejs
- Postman



TRACK PRACTICES

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

- Netflix.
- The guardian.
- Airbnb.
- Upwork.
- Lego.

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OVERALL LEARNING JOURNEY OUTLINE

27%

JavaScript Programming

Client-Side Technologies

Advanced JavaScript

Jquery Fundamentals

HTML5 & CSS3

Modern JavaScript (ES6+) and TypeScript Fundamentals

13%

Front-end Web Development

Responsive Web Design Fundamentals

CSS Preprocessor

JavaScript Unit Testing & TDD Technique

JavaScript Design Patterns

UI/UX Design

37%

MEARN Stack Development

Node.js Fundamentals

NoSQL Database Fundamentals

Angular Fundamentals

React.js

Next.js Fundamentals

Material UI for React.js

Nest JS

GraphQL API

6%

Web Application Development Tools and MAnagement

Version control (git & github or bitbucket)

Secure Coding

PWA and offline web apps (service worker..)

5%

Workshops

OS Fundamentals workshop

Network Fundamentals workshop

Database Fundamentals workshop

12%

Soft skills

Communication Skills

Presentation Skills

Interviewing Skills

Freelancing