

## **INTENSIVE CODE CAMP**

# **FRONT-END AND CROSS-PLATFORM MOBILE DEVELOPMENT WITH GEN AI INTEGRATION 2025/2026**

**Be one of our Graduates Family**

## **Track Overview**

**Information Technology Institute**

People Develop Countries .. We Develop People



-  [ITInfo@iti.gov.eg](mailto:ITInfo@iti.gov.eg)
-  +202-35355656
-  28 Km Cairo / Alexandria Desert Road,  
B148 Smart Village, Egypt
-  Intensive Training Program
-  [www.iti.gov.eg](http://www.iti.gov.eg)

# Front-end and Cross-Platform Mobile Development with Gen AI Integration



## DESCRIPTION

ITI Intensive Code Camp – front-end and cross platform Specialization - is a product-based program that will empower you to learn the latest technologies in front-end track and also the mobile cross platform technologies and tools.



## WHO MAY APPLY

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



## TRACK DURATION

606 Hours around 4 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](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

- UI/UX developer
- JavaScript Front-end developer
- React.js developer
- Cross platform mobile app developer



## REQUIRED TOOLS

Each course lists the required programs installation

- Android studio
- VSCode
- JDK
- Android SDK
- Nodejs



## TRACK PRACTICES

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

- Yodawi
- Booking
- Souq
- EventBrite
- Vezeeta.

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## OVERALL LEARNING JOURNEY OUTLINE

### JavaScript Programming

- Advanced JavaScript
- Modern JavaScript (ES6+) and TypeScript Fundamentals
- Introduction to Node.js

11%

### Front-end Web Development

- Client-Side Technologies
- HTML5 and CSS3
- UI/UX Design Principle for Mobile Apps
- CSS preprocessor
- Responsive Web Fundamentals and Bootstrap
- React.js
- Material UI for React.js
- Next.js
- jQuery Fundamentals

35%

### Workshops

- OS Fundamentals workshop
- Network Fundamentals workshop
- Database Fundamentals workshop
- Introduction to Software testing workshop
- Agile Workshop

7%

### Cross platform Mobile and App Development

- React native
- Dart Fundamentals
- Flutter development
- Firebase

16%

### Employability skills

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

12%

### Gen AI Skills

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

6%

### Web Development Tools and Management Techniques

- JavaScript Unit Testing
- Intro to JS Packaging and bundling tools
- PWA
- JS Design Patterns
- Source Control
- Secure Coding

13%

## OTHER USEFUL INFORMATION