INVENTATEQ

MASTER IOS DEVELOPMENT COURSE with Placement

Build In-Demand Professional Expertise with Theory, Hands-on Labs, and Live Projects

WHY JOIN THIS COURSE?

- 100% Practical Training with Live Projects
- Industry-Expert Mentorship
- Certification Upon Completion
- 100% Dedicated Placement Support (T&C Apply)

15+	500+	25K	10K
Hours of Content	Hands-on Labs	Learners Worldwide	Job Openings

COURSE INSIGHTS

- Skill Level: Beginner to Advanced
- Duration: 3 Months (Flexible Learning)
- Mode: Live Online Classes + Recorded Access
- 100% Dedicated Placement Support (T&C Apply)

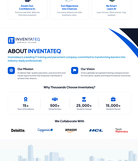
Free Workshop
FREE Live Workshop
+1 (555) 012-3456

Limited Seats

START FREE
STARTS HERE !

ARE YOU FACING THESE CHALLENGES ?

Unlock Your Learning Potential



ABOUT INVENTATEQ

Empowering learners with practical skills and career opportunities in technology

Why Thousands Choose Inventateq

15+	500+	25,000+	10,000+
Years of Experience	Hands-on Labs	Learners Worldwide	Job Openings

We Collaborate With

Deloitte. Capgemini ACCENTURE cognizant AMCA.

Continuous Professional Development Program for IT Professionals, Educators & Researchers

WHY LEARN IOS DEVELOPMENT ?

Mobile apps are everywhere, and iOS developers are in high demand. Learning iOS development can open doors to exciting career opportunities in the tech industry.

- Lucrative Career Opportunities
- Creative Freedom
- Platform-Specific Expertise
- Strong Community and Support
- Consistent Revenue Potential
- Worldwide User Reach

₹6.0 LPA – ₹18 LPA

WHY INVENTEQ ?

We equip you with the practical skills, industry insights, and real-world experience you need to succeed.

At Inventateq, Your Success Is Our Mission !

GUARANTEED PLACEMENT SUPPORT

We don't just teach, we prepare you for the real world!

- Applied Training
- Technical Training
- Resume Preparation
- Interview Preparation
- Personality Development
- Industry Expert Sessions
- Linkedin Profile Optimization
- Job Recruitment
- Internship Opportunities

OUR PLACEMENT STATS

10,000+	500+	95%	41.6%
Successfully Placed Students	Hiring Partners	Placement Rate	Average Salary Hike

Start Your Success Placement

CAREER PROGRESSION

BEGINNER	TYPICAL DEVELOPMENT ROLE	PORTFOLIO FOCUS
Junior Software Developer	Assisting senior developers with coding tasks and debugging	Contributing to open-source projects and small team projects
Software Engineer	Building and maintaining software applications	Developing full-stack applications with modern frameworks
Senior Software Engineer	Leading technical decision-making and mentoring junior developers	Complex architectural projects and leadership initiatives
Technical Lead	Overseeing development teams and project delivery	Showcasing team management and technical leadership skills
Software Architect	Designing system architecture and technical standards	Enterprise-level architecture and scalability solutions
Engineering Manager	Managing development teams and resources	Demonstrating both technical and management expertise
Chief Technology Officer	Setting technical strategy and vision for the organization	Executive-level technical leadership and innovation

SKILLS ROADMAP

Click on each module to view topics and hands-on activities.

POSITION	PRACTICAL SKILLSET	REVIEW STANDARD
Beginner / Fundamentals	Master the core concepts of iOS development, including Swift programming, UI design, and basic app functionality.	Coding and UI development assessments, quizzes, and small project reviews.
Advanced / Intermediate	Develop more complex apps by integrating APIs, databases, and advanced UI components.	Reviewing real-time data projects and assessing problem-solving skills.
Professional / Specialized	Implement unique and innovative features, optimize performance, and prepare apps for the App Store.	Advanced debugging, performance optimization, and App Store submission reviews.

DETAILED MODULE PLAN

Click on each module to view topics and hands-on training

Module 1: Introduction to iOS Development

- Overview of iOS & its ecosystem
- Setting up Xcode & simulators
- Swift Programming Basics
- Variables, Constants & Data Types
- Control Flow (if, switch, loops)
- Functions & Closures

6 HOURS LAB

Set up Xcode, write your first console program, and create your first iOS app that displays "Hello, World!"

6 PROFESSIONAL ASSIGNMENT

Create a simple calculator app that performs basic arithmetic operations using Swift.

Module 2: Swift Programming Fundamentals

- Variables and Data Types
- Operators and Control Statements
- Functions & Closures
- Object-Oriented Programming (OOP) in Swift
- Protocols & Extensions

6 HOURS LAB

Build a command-line application that demonstrates OOP principles, such as a simple banking system with accounts and transactions.

6 PROFESSIONAL ASSIGNMENT

Develop a program that reads and writes data to a file, simulating a basic data persistence mechanism.

Module 3: User Interface Design

- UIKit Overview
- Interface Builder
- Auto Layout & Constraints
- Navigation Controllers
- Tab Bar Controllers

6 HOURS LAB

Design and implement a user interface for a multi-screen app using Interface Builder and Auto Layout.

6 PROFESSIONAL ASSIGNMENT

Create a responsive UI that adapts to different screen sizes and orientations.

Module 4: App Navigation

- Navigation Stack
- Tab Bar Navigation
- Modal Presentations & Segues
- Passing Data Between Screens
- Custom Navigation Transitions

6 HOURS LAB

Implement a multi-screen app with navigation between different views and passing data between them.

6 PROFESSIONAL ASSIGNMENT

Develop a navigation system for a complex app with multiple levels of navigation and data passing.

Module 5: Working with Data

- Collection Classes - Dictionaries
- Collection Classes - Arrays
- Core Data
- Core Data Basics
- Data Persistence
- Network Connectivity

6 HOURS LAB

Implement a persistent data storage solution using Core Data or a similar framework.

6 PROFESSIONAL ASSIGNMENT

Create a networked application that fetches data from a remote server and displays it in the UI.

Module 6: Networking & APIs

- REST API Fundamentals
- HTTP Requests
- JSON Parsing
- API Integration
- Error Handling & Network Calls

6 HOURS LAB

Build an application that interacts with a third-party API, handling requests, responses, and errors.

6 PROFESSIONAL ASSIGNMENT

Develop a weather application that fetches and displays weather data from a public API.

Module 7: Advanced Topics

- Concurrency & Threading
- Multithreading
- Grand Central Dispatch (GCD)
- Operation Queues
- Memory Management

6 HOURS LAB

Implement a concurrent operation to perform a time-consuming task without blocking the main thread.

6 PROFESSIONAL ASSIGNMENT

Optimize an existing application for performance and memory usage, identifying and resolving bottlenecks.

Module 8: Testing & Debugging

- Debugging Techniques
- Unit Testing Basics
- Test Cases
- Performance Optimization
- Code Profiling & Analysis

6 HOURS LAB

Write unit tests for a simple application and debug a provided faulty piece of code.

6 PROFESSIONAL ASSIGNMENT

Refactor a poorly performing piece of code to improve its efficiency and maintainability.

Module 9: Deployment

- App Store Preparation
- App Signing & Provisioning
- App Store Connect
- Submission Process
- Publishing an iOS Application

6 HOURS LAB

Prepare and submit a simple application to the App Store (or a simulated environment).

6 PROFESSIONAL ASSIGNMENT

Create a marketing plan for your application, including screenshots and a compelling app description.

Module 10: Real-Time Projects

- To-Do List Application
- Weather Application
- Food Delivery App
- Social Media Application
- Portfolio Building & Interview Preparation
- Resume Building
- Linkedin
- Apply

6 HOURS LAB

Develop a complete, feature-rich application from scratch, applying all the concepts learned throughout the course.

6 PROFESSIONAL ASSIGNMENT

Present your application to a panel of experts, simulating a real-world interview scenario.

REAL-WORLD PORTFOLIO PROJECTS

Practical industry scenarios, code samples, and downloadable project submissions.

Project 1: To-Do Application

What It Is: A simple application for managing tasks and to-do lists.
Why It Is Key: Fundamental UI interactions, data storage, and basic app functionality.
Skills You'll Gain: Swift, UIKit, Core Data, basic UI design.
Project Outcome: Fully functional to-do list application with persistent storage.

Project 2: E-Commerce Mobile App

What It Is: A mobile application for online shopping.
Why It Is Key: Complex UI, data management, and integration with external services.
Skills You'll Gain: Swift, UIKit, Core Data, networking, API integration.
Project Outcome: Functional e-commerce app with product listings, shopping cart, and checkout.

Project 3: Food Delivery App

What It Is: An application for ordering food from restaurants.
Why It Is Key: Real-time updates, location services, and user authentication.
Skills You'll Gain: Swift, UIKit, Core Data, networking, location services, push notifications.
Project Outcome: Food delivery app with user accounts, restaurant listings, and order tracking.

Project 4: Social Media Application

What It Is: A platform for users to connect and share content.
Why It Is Key: Complex data relationships, user interactions, and real-time updates.
Skills You'll Gain: Swift, UIKit, Core Data, networking, push notifications, image processing.
Project Outcome: Social media app with user profiles, posts, and interactions.

Project 5: Fitness Tracking App

What It Is: An application for tracking workouts and fitness goals.
Why It Is Key: Integration with hardware sensors, data visualization, and user engagement.
Skills You'll Gain: Swift, UIKit, Core Data, HealthKit, Core Motion.
Project Outcome: Fitness tracking app with workout logging, progress tracking, and goal setting.

Project 6: Professional Integration Project

What It Is: A comprehensive project integrating multiple concepts.
Why It Is Key: Demonstrates mastery of all learned skills and prepares for real-world projects.
Skills You'll Gain: Swift, UIKit, Core Data, networking, API integration, and more.
Project Outcome: A polished, feature-rich application showcasing your skills.

Project 7: Live Development End-to-End Project

What It Is: A comprehensive, end-to-end project built live during the course.
Why It Is Key: Provides hands-on experience with the entire development lifecycle, from planning to deployment.
Skills You'll Gain: Swift, UIKit, Core Data, networking, API integration, testing, deployment, and more.
Project Outcome: A fully functional application ready for submission to the App Store.

ASSESSMENT FRAMEWORK

How we measure your progress and ensure you're ready for the industry.

Assessment Type	Assessment Focus	How Assessed
Practical Coding Challenges	Hands-on coding exercises to apply learned concepts and solve real-world problems.	Automated code evaluation and manual review by instructors.
Live Debugging Sessions	Identifying and resolving errors in code, improving problem-solving skills.	Real-time debugging exercises with instructor feedback.
Peer Code Reviews	Collaborative code analysis and feedback, promoting best practices and knowledge sharing.	Structured peer review process with guidelines.
Capstone Project Evaluation	Comprehensive assessment of the final project, demonstrating mastery of all learned skills.	Detailed project report, presentation, and code review.
Technical Interviews	Simulated technical interviews to assess problem-solving abilities and communication skills.	Mock interviews with industry professionals.

RESUME, GITHUB & LINKEDIN

Resume, GitHub and LinkedIn profiling and professional project showcase.

- Resume Building
- Linkedin Profile Optimization
- Project Showcase on GitHub
- Mock Interviews
- Job Opportunities
- Internship Opportunities

OUR STUDENT

Meet the learners who turned their passion into successful careers through dedication, skill, and support.

READ REVIEWS

"Inventateq's hands-on approach and experienced instructors helped me land my dream job. The placement support was invaluable!"
— Ananya Sharma, Software Engineer

"The practical projects and real-world examples were incredibly helpful. I gained the confidence I needed to succeed in my career."
— Rahul Verma, Data Analyst

"I highly recommend Inventateq to anyone looking to upskill. The instructors are knowledgeable and the curriculum is up-to-date."
— Priya Singh, Marketing Manager

WATCH VIDEOS

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Ready to start your journey? Contact us today and let's connect!

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