SOMAKODI

BROCHURE

MOBILE APP DEVELOPMENT

Mobile apps power the daily digital experiences of billions of users, covering everything from communication and payments to entertainment, business tools, and on-demand services.

The Mobile App Development program introduces you to the core principles of mobile programming and gradually advances into building fully functional, real-world applications. Starting with beginner-friendly concepts, the curriculum guides you step by step through designing interfaces, handling user interactions, managing state, and integrating backend services.

Every module emphasizes hands-on development—building reusable UI components, working with navigation, interacting with APIs, managing local storage, implementing authentication, and optimizing app performance. You will also practice clean code principles, proper project structure, and Git-based collaboration, mirroring real mobile engineering workflows.

By the end of the course, you will have mastered key mobile development skills, including UI design, component-based development, state management, API integration, offline storage, testing, and deploying applications to app stores, equipping you to build polished, production-ready mobile apps.

PREREQUISITES

This is a beginner-friendly program with no prerequisites, although many students have engaged in self-learning previously or have worked at tech startups or in tech-adjacent roles. Whether you're new to the field or you're looking to formalize your practice, our curriculum helps you become fluent in the languages, frameworks, and libraries that modern employers demand and put them to work.

Why learn Mobile App Dev

High-Paying Career Opportunities

Mobile development offers competitive salaries and strong career growth. Companies pay more for developers who can build and maintain high-quality apps for both Android and iOS.

2. Ability to Build Apps for Millions of Users

Mobile apps reach people directly on their smartphones—the device they use the most. Your skills can impact real users, real behavior, and real markets.

3. Flexibility and Remote Work

Many software engineering roles offer the option to work remotely or freelance, giving you control over your schedule and location.
The skills are also globally applicable, allowing you to work for companies anywhere in the world.

4. Versatile and Evolving Career Paths

Mobile development continues to expand into AI, AR/VR, IoT, and wearable technology. Learning it now positions you to stay ahead as digital experiences become more mobile-first.

5. Entrepreneurial Potential

With mobile skills, you can build your own apps, create digital products, launch startups, or freelance for clients globally. One good app idea can become a business.

6. Creativity and Real-World Impact

Learning coding combines problem-solving, designing, and innovation. You get to create, test, and iterate like building with digital LEGO. You will enjoy bringing great ideas to life

Why Study at Somakodi SChool

Somakodi is one of the most successful tech boot camps in Kenya. Join us and get top-tier learning & student experience.

- Professional and experienced team
- Practical hands-on learning
- Enhanced digital-first learning
- Financial Aid Opportunities
- Immersive Curriculum
- Job placement support

Who is this course for?

The course is suitable for a wide range of people, not just those who already know how to code. It fits anyone who wants to build, design, or work with software systems.

- **Beginners with an interest in Tech.** You are curious about how websites, apps, and systems work, you don't need a strong math or coding background, just your interest and willingness to learn.

- **Career Switchers.** You have a background in finance, teaching, marketing, hospitality, etc., and are you looking to transition into tech for increased earnings, remote work opportunities, and more flexible careers

- **Individuals who are problem-solvers & critical thinkers** and enjoy solving puzzles, building things and logical thinking. If you enjoy structured problem-solving, software engineering will feel natural.

- **Professionals seeking high-demand, high-pay skills, stable employment, job security, International opportunities, freelancing, or remote work.** Tech talent is in demand globally.

- **Entrepreneurs, anyone planning to build or manage a tech startup.** Understanding how software works helps you lead teams, make better decisions, and avoid costly mistakes.

What are the requirements for learners?

- **Have Basic computer skills**
- **Desire and curiosity to learn.**
- **Have a Desktop computer or Laptop with stable internet access.**

Course Overview

- **Class Timings**   :   **Flexible Schedule**
- **Program Fees**   :   **Kes. 75,000/=**
- **Course Model**   :   **Live classes and 100% Online**
- **Learning Duration**   :   **8 - Months**
- **Classes Schedule**   :   **Monday - Friday**

Teaching Method (Somakodi Classroom)

- **Daily hands-on code sessions with tutor**
- **Assignment/Practice tasks after each lesson**
- **Weekly quizzes & mini-projects**
- **Mentorship from tutors**
- **End of Unit Project presentations**

- Learn to write clean, efficient mobile code, solve real-world app challenges, and build confidence using the core tools, frameworks, and design principles that power modern mobile applications.

- Master mobile UI development with frameworks like React Native or Flutter—building responsive, intuitive, and visually polished interfaces that work seamlessly across Android and iOS devices.

- Develop strong back-end and API integration skills by learning how mobile apps communicate with servers, handle authentication, manage state, and process real-time data from cloud services.

- Understand mobile data storage and management—using local databases, secure storage, and caching strategies to create fast, reliable apps that work even without internet connectivity.

- Explore essential mobile engineering principles, including app architecture, UX design patterns, testing, performance optimization, documentation, and industry-standard development practices.

- Learn how to package, test, and deploy mobile applications to the Google Play Store and Apple App Store while strengthening key professional skills like debugging, problem-solving, teamwork, and interview readiness.

CURRICULUM OVERVIEW

Fundamentals of Mobile App Development

Gain a solid grounding in modern mobile ecosystems and development concepts before diving into coding.
- Mobile platforms & architecture
- Programming foundations
- Development tools
- AI-powered coding workflow

React Native Core Concepts

Learn the fundamentals of building cross-platform mobile apps using the world's most popular mobile framework.
- React Native components
- JSX & component structure
- Navigation systems
- AI-assisted component generation

Styling, UI Layouts & User Experience

Master layout systems and create visually appealing, responsive mobile interfaces.
- Flexbox for mobile
- Styling methods
- Design patterns for mobile UX
- AI-driven UI prototyping

Data Management, APIs & State Handling

Learn how mobile apps store data, manage state, and interact with backend services.
- REST APIs & JSON
- State management
- Local storage
- AI-enhanced development

Native Device Features & AI Capabilities

Integrate device hardware and AI-powered features to build intelligent, modern apps.
- Device sensors
- AI API integration
- Media handling
- AI-assisted debugging

App Security, Optimization & Performance

Make apps secure, efficient, and optimized for real-world usage.
- Security practices
- Performance profiling
- Error handling & logging
- AI support in optimization

Deployment, Publishing & Scaling Applications

Prepare your app for real-world distribution and long-term maintenance.
- Publishing workflows
- Build & release management
- Maintenance strategies
- AI assistance in publishing

SOMAKODI
SCHOOL ADMISSION

WHERE LEARNING COMES TO LIFE!

A hub of academic excellence, creativity, and personal growth! We invite prospective students and families to embark on an exciting educational journey with us.

Why Choose Somakodi School?

- Academic Excellence
- Inclusive Community
- Holistic Development
- State-of-the-Art Facilities

What are the benefits of online learning?

- Flexibility and Convenience
- Personalized Learning Experience
- Develop Self-Discipline and Tech Skills
- Cost-Effective

Join Somakodi School and let your educational journey begin

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ENROLL TODAY!