# SOMAKODI

BROCHURE

## FRONTEND ESSENTIALS COURSE

Front-end development is at the heart of every digital experience we interact with today from websites and mobile apps to dashboards, e-commerce stores, and online platforms. As businesses continue moving online, the demand for skilled front-end developers has skyrocketed. This program introduces learners to the foundations of the web and gradually builds up to advanced tools and frameworks used by professional developers.

The curriculum is designed to take complete beginners and guide them step-by-step into becoming confident, job-ready front-end engineers. Through hands-on projects, real-world problem-solving, and exposure to industry tools, learners gain not only technical skills but also the ability to think and work like modern software developers. Every module emphasizes practical application, ensuring students build a strong portfolio that showcases their abilities to employers.

By the end of the program, learners will have mastered the essential languages, libraries, and frameworks powering today's web applications, including HTML, CSS, JavaScript and React. More importantly, you will understand how to build beautiful, responsive, accessible, and high-performing user interfaces. Whether you're looking to start a tech career, freelance, or enhance your digital skills, this program equips you with everything you need to thrive in the fast-growing world of front-end software development.

# 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 software development technology stack demand and put them to work.

## Why learn Front - end Software Development

### 1. High Demand Career

Every business, organization, and brand needs a strong online presence. Skilled software developers are in demand across industries from tech startups to nonprofits and government agencies.

### 2. Blend of Creativity and Technology

Software development allows you to use both your creative and analytical sides combining visual aesthetics with problem-solving, coding, and user experience design.

### 3. Flexibility and Remote Work

Many software developers 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

software development opens the door to roles like front-end developer, UX/UI designer, Web app developer, or freelance web/software developer. It's a skill set that can launch a flexible and well-paying tech career.

### 5. Entrepreneurial Potential

With coding skills, you can launch your own apps or tech businesses with relatively low startup costs. Many successful tech startups started with just one or two software developers

### 6. Creativity and Real-World Impact

It combines problem-solving, design, and innovation. You get to create, test, and iterate like building with digital LEGO. Bring ideas that pay 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?

- Perfect for professionals from any field who want to upskill, transition into tech, or boost their earning potential. Whether you're in business, customer service, marketing, administration, or any non-technical role, this program equips you with practical front-end software dev skills that open doors to remote work, freelance opportunities, and high-demand tech careers.

- Designed for learners who want to bridge the gap between theory and real-world application. Gain job-ready technical skills, strengthen your portfolio, and increase your chances of getting internships and entry-level roles in Software Development.

- Ideal for students fresh out of high school who want to explore a future-proof career early. This program provides a strong foundation and hands-on experience, helping you build real projects and discover exciting pathways in technology.

- Perfect for anyone simply curious about how softwares are built or wanting to learn a valuable digital skill. No prior coding experience is required just curiosity and a willingness to learn.

## What are the requirements for learners?

- Have Basic computer skills
- Desire and curiosity to learn.
- Knowledge of the English language both Spoken and written
- Have a Desktop computer or Laptop with stable internet access.

## Frontend Essentials Course Overview

- Course Model : Live classes and 100% Online
- Learning Duration : 3 - Months
- Classes Schedule : Monday - Friday
- Class Timings : Flexible Schedule
- Program Fees : Kes. 45,000/=

💻 **HTML & CSS Fundamentals**
Learn how to structure webpages using HTML and style them with CSS.
Build responsive, mobile-friendly layouts that look great on any device.

💻 **UI/UX for Web Developers**
Understand how to design user-centered interfaces that are both
accessible and visually engaging. Improve usability, navigation, and
overall user experience.

💻 **JavaScript and React for Interactive Web Apps**
Bring websites to life with JavaScript. Create dynamic content,
implement animations, validate forms, and build interactive features
that enhance user engagement.

💻 **Working with APIs**
Learn how to connect your web applications to real-world data using
APIs. Fetch and display external data, integrate services like weather,
payments, maps, and more, and understand how client–server
communication works.

💻 **Version Control with Git & GitHub**
Collaborate effectively using Git and GitHub. Track changes, manage
branches, contribute to team projects, and follow industry-standard
workflows.

🌐 **Web Hosting & Deployment**
Deploy your websites and web apps using platforms like GitHub Pages,
Netlify, and Firebase. Learn how to manage domains, hosting, and live
project updates.

💻 **Industry Tools & Best Practices**
Use essential tools such as, Chrome DevTools for debugging, and VS
Code for development. Follow best practices in accessibility,
performance optimization, and basic SEO.

💻 **Portfolio & Real-World Projects**
Build and publish fully functional projects that demonstrate your skills.
Create a strong portfolio to showcase to employers or freelance clients.

# CURRICULUM OVERVIEW

### Onboarding
- Course Overview
- System configurations and installations
- Digital learning orientation
- Introduction to FullStack Web Development

### Web Design

- Get acquainted with common developer tools ( Chrome Developer Tools, text editors, code linters)
- Learn to navigate a computer file structure and configure development environments.
- Leverage Git and GitHub to manage work.
- Start coding using HTML, CSS, and JavaScript.
- Learn troubleshooting and debugging techniques.

### Front-End Development

- Dive into fundamental programming concepts (functions, control flow, variables, scope, etc.) using JavaScript.
- Get acquainted with front-end templating and incorporate new patterns into front-end architecture, including custom behaviors, client-side models and data binding, form validation, state management, and AJAX (Asynchronous JavaScript and XML).
- Learn to integrate dynamic data into interactive websites using APIs
- Gain an introduction to project design, project planning, and project management techniques engineers use on the job, including wireframes and user stories
- Incorporate authentication capabilities into sites and applications (i.e., user logins, encrypted passwords, etc.).

### Soft Skills Training

- Soft skills essential for career advancement.
- This unit focuses on enhancing various aspects, including self-leadership, effective collaboration, impactful communication, entrepreneurial mindset, proficient project management, and career readiness.

# 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!