alx

Front-End Web Development Programme

6 Months (20 hrs per week)

What is Front-End Web Development?

Embark on a transformative journey into frontend web development with our meticulously crafted 18-week programme. From novice to job-ready developer, our hands-on approach ensures practical learning and real-world project application.

Why Front-End Web Development?

Front-end developers shape user experiences as digital architects. With a rising demand for skilled professionals, our programme offers expert guidance and industry-aligned projects to prepare you for success in this dynamic field.

Programme Objectives

- Attaining proficiency in HTML, CSS, and JavaScript.
- Mastering responsive design, version control, and front-end frameworks.
- Building captivating and user-friendly web interfaces.
- Preparing for further learning or job opportunities in the web development sector.

Technologies and Concepts Covered

- HTML, CSS, JavaScript, and version control with Git.
- Front-end frameworks like ReactJS.
- CSS frameworks like Tailwind CSS and Bootstrap.
- Working with APIs and advanced HTTP networking.

Why Choose Us?

ALX Foundations

Before starting the Front-End Web Development programme, learners complete our 8-week foundational training, acquiring vital skills like self-awareness, teamwork, communication, and critical thinking, essential for success in tech.

Comprehensive Curriculum

Dive deep into web technology essentials, from internet fundamentals to mastering modern front-end frameworks, with our continuously updated programme.

Project-Based Learning

Our programme offers real-world development experience through a capstone project reflecting industry standards, building your portfolio to showcase your skills.

Community and Networking

Join a dynamic network of peers and professionals, forging connections that bolster your learning path and unlock career prospects.

Tools Learners Get to Use

VS Code	Figma	Git	GitHub

6-Month
Programme

100%
Digital (Online) Learning programme

20 hrs
Per Week

Professional Foundations Schedule
08 Weeks (20-30hrs / week)

What is Professional Foundations?

- A career-readiness training module to kick-start your ALX learning journey before moving on to your chosen specialisation.
- Learn exceptional communication, teamwork, and leadership skills that make ALX graduates top picks in the job market.
- Be ready for a real-world career with soft skills that keep you ahead in the rapidly changing tech industry.

Weekly Content

Week 01

- Getting Started
- Habits for Developing Intrapersonal Intelligence
- Onboarding & Programme Overview
- The ALX Fellowship
- Values & Community
- GCGOs for Africa

Week 02

- Movement and Mental Health
- Karibu Lessons
- Values & Empathy
- Exploring African GCGOs
- Self Awareness & Emotional Intelligence
- Growth Mindset & Grit
- Self Regulation & Improvement
- Time Management

Week 03

- Morning Pages for Personal Reflection
- Habit Formation
- Goal Setting
- Defining Problems & User Stories
- Problem Solving
- Asking the Right Questions
- Research Methodology & Ethics

Week 04

- Meditation
- Goal Setting
- Communication for Impact
- Creating Presentations & Technical Writing
- Communication in Tech Teams
- Design Thinking
- Work Planning

Week 05

- Boosting Intrapersonal Intelligence
- Problem Definition
- Teamwork Best Practices
- Agile Technology Teams: Roles & Processes
- Research & Data Gathering
- Data Cleaning & Preparation
- Data Visualization
- Identifying Opportunities
- Generating Solutions
- Understanding the Market

Week 06

- Refresher on Habits for Intrapersonal Intelligence
- Understanding the User
- User Interviews
- Intro to Wireframes & Prototypes
- Teamwork & Team Communication
- Conflict Management & Negotiation
- Generating Solutions & Making Decisions
- Human Centered Desig

Week 07

- Personal Reflection on Intrapersonal Growth
- Generating Solution
- Product Requirements
- Pitch Preparation
- Powerful Presentations
- Identifying Opportunities
- Wireframes & Prototypes

Week 08

- Committing to your Intrapersonal Growth
- Elevator Pitch
- Professional Bio
- Exploring Tech Tracks
- Resume Writing
- LinkedIn Profiles
- Interview Skills
- Personal Brand & Bio
- Career Skills

Weekly Specialisation Schedule

- **Project releases:** Projects are released on Mondays and ends by end of Sundays.
- **Live learning sessions:** Twice weekly live learning sessions. Learners will be introduced to the projects for the coming week during the first session and then there will be a deep dive into the concepts during the second session.
- **Peer learning days:** There is a dedicated day for learners to connect with one another and study together.

Weekly Content

Week 00: Onboarding & Introduction to the web

Week 01: Version control

Week 02: UI Design

Week 03: HTML

Week 04: CSS

Week 05: More HTML & CSS

Week 06: Fundamentals of JavaScript

Week 07: Deep Dive into JavaScript & Advanced Application of JavaScript

Week 08: DOM manipulation, Web storage and working with JSON data

Week 09: Fundamentals and Core Concepts of React

Week 10: Styling, States, Rendering, Routes and Hooks

Week 11: State management in React

Week 12: Advanced React and Authentication in React JS

Week 13: CSS Framework

Week 14: Building React projects with Tailwind CSS

Week 15: Working with APIs

Week 16 & 17: Capstone Project

www.alxafrica.com

YOUR LEARNING JOURNEY

alx

Kickstart your career in Tech

85% of learners find a job after 6 months with a certificate of completion.

LAUNCH

1

By learning from industry experts

Our instructors are fully-vetted with industry experience.

2

Gaining work ready skills

Learn up-to-date tech innovations with real-world projects.

3

And developing your professional foundations

Get a professional portfolio and skills for better employabiity.

4

In a state-of-the-art learning environment

Network, collaborate and co-work with peers online or offline.

5

With support from your peers.

Our alumni get access to our Fellowship community and events.

6

GET STARTED

apply now

www.alxafrica.com

2024 Calendar

Programme - Cohort #	Application Deadline	Onboarding Starts	Programme Starts
Front-End Web - C1	27 Feb	11 Mar	18 Mar
Front-End Web - C2	28 May	10 Jun	17 Jun
Front-End Web - C3	2 Jul	15 Jul	22 Jul
Front-End Web - C4	20 Aug	2 Sep	9 Sep

DISCLAIMER: Please be aware that the dates provided are subject to change and are intended as a reference for your planning purposes, please refer to the website for date confirmation.

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Frequently Asked Questions

What is the criteria for being accepted?
Accepted applicants are evaluated based on their entire application, including assessment scores and essay responses. While the outcome may not always meet expectations, we encourage self-reflection, identifying areas for improvement, and ongoing skill development. For future programme applications, please revisit our website during the next cycle.

I applied and received confirmation, but I haven't received an acceptance letter.
The confirmed button in your email indicates your acceptance.

Are there any fees apart from the administration fee?
The tuition fee for our programmes starts at $7500. For sponsored applicants, this fee is waived, and only the administration fee is required.

I want a waiver or scholarship, and I am unable to pay the administration fee.
Regrettably, we cannot accommodate this request presently. The administration fee supports programme access, study materials, community engagement, networking, and certification. Paying it demonstrates commitment and ensures access to all resources and support for success.

How do I make payment?
All payments can be made via the admissions portal.

I accidentally dropped a programme, and now I can't continue the application.
Unfortunately, dropped applications cannot be continued. You will need to apply to another programme or use a different email address.