



# Front-End Web Development Overview

6 months (20 hrs / 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.

# Weekly Foundations Schedule

08 Weeks (20–30hrs / week)

## What is ALX 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.

## 8 Key Meta Skills

1. **Leading Self**
2. **Leading Others**
3. **Communicating for Impact**
4. **Quantitative Reasoning**
5. **Entrepreneurial Thinking**
6. **Critical Thinking**
7. **Managing Complex Tasks**
8. **Tech Skills**

## Weekly Content

### Week 01

- Getting Started
- Daily 3
- Onboarding & Programme Overview
- The ROOM Fellowship
- Values & Community
- GCGOs for Africa

### Week 02

- Daily 3
- Karibu Lessons
- Values & Empathy
- Exploring African GCGOs
- Self Awareness & Emotional Intelligence
- Growth Mindset & Grit
- Self Regulation & Improvement
- Time Management

### Week 03

- Daily 3
- Habit Formation
- Goal Setting
- Defining Problems & User Stories
- Problem Solving
- Asking the Right Questions
- Research Methodology & Ethics

### Week 04

- Daily 3
- Goal Setting
- Communication for Impact
- Creating Presentations & Technical Writing
- Communication in Tech Teams
- Design Thinking
- Work Planning

### Week 05

- Daily 3
- 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

- Daily 3
- Understanding the User
- User Interviews
- Wireframes & Prototype
- Human Centered Design

### Week 06 (Cont)

- Teamwork & Team Communication
- Conflict Management & Negotiation

### Week 07

- Daily 3
- Improving on Your Solution
- Product Requirements
- Design Handover Process
- Pitch Preparation
- Powerful Presentations
- Identifying Opportunities
- Personal Brand & Bio
- Career Skills

### Week 08

- Daily 3 Reflection & Commitment
- Elevator Pitch
- Exploring Tech Tracks
- Resume Writing
- LinkedIn Profiles
- Cover Letters
- Interview 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



# YOUR LEARNING JOURNEY



## Kickstart your career in Tech

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

**LAUNCH**



## By learning from industry experts

Our instructors are fully-vetted with industry experience.

1

## And developing your professional foundations

Get a professional portfolio and skills for better employability.

## Gaining work ready skills

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

2

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## In a state-of-the-art learning environment

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



## With support from your peers.

Our alumni get access to our Fellowship community and events.

5

# GET STARTED

apply now



6





# 2024 Calendar

Programme - Cohort #	Application Deadline	Onboarding Starts	Programme Starts
Data Analytics - C3	27 Feb	11 Mar	18 Mar
Cloud Computing - C3	27 Feb	11 Mar	18 Mar
Salesforce Administrator - C3	27 Feb	11 Mar	18 Mar
Back-end Web- C1	27 Feb	11 Mar	18 Mar
Front-end Web - C1	27 Feb	11 Mar	18 Mar
Data Analytics - C4	21 May	10 Jun	17 Jun
Cloud Computing - C4	21 May	10 Jun	17 Jun
Salesforce Administrator - C4	21 May	10 Jun	17 Jun
Back-end Web- C2	21 May	10 Jun	17 Jun
Front-end Web - C2	21 May	10 Jun	17 Jun





# 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.

