



Front-End Web Development Overview

6 months (20 hrs / week)

What is Front-End Web Development?

- As a front-end developer, you're like an architect for websites and apps, responsible for bringing ideas and designs to life by building and maintaining what users see and interact with on a webpage, including layout and interactive elements.
- An 18-week transformative learning journey, guiding learners from beginners to job-ready front-end developers.
- Emphasis on practical learning for a comprehensive understanding of web technologies, covering fundamentals to advanced concepts.

Why Front-End Web Development

This programme includes a distinctive combination of hands-on and project-based learning that mirrors real-world development situations. It is tailor-made for tech enthusiasts, self-taught programmers, and complete newbies alike. You'll learn industry-relevant skills from experienced software engineers, who offer their guidance and network for unparalleled career growth.

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.

What makes this programme unique?

Industry-Relevant Skills

The curriculum covers HTML, CSS, JavaScript, ReactJS, and API integration, ensuring graduates master the key languages for web development, enhancing their job market value.

Community and Networking

Learners join a vibrant community of like-minded learners and professionals, fostering connections that support their learning journey and open doors to career opportunities.

Versatile Opportunities

Upon completion, learners emerge not just as proficient front-end developers but as versatile professionals ready to seize a spectrum of opportunities, amplifying the overall value of their investment in the programme.

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

- Values & Community
- Grand Challenges and Grand Opportunities for Africa

Week 02

- Self Awareness & Emotional Intelligence
- Growth Mindset & Grit
- Self Regulation & Improvement
- Time Management

Week 03

- Problem Solving
- Research Methodology & Ethics
- Goal Setting

Week 04

- Creating Presentations & Technical Writing
- Communication in Tech Teams
- Design Thinking
- Work Planning

Week 05

- Working in Technology Teams
- Data Research & Visualization
- Understanding the Market

Week 06

- Wireframes & Prototypes
- Human Centered Design
- Conflict Management & Negotiation

Week 07

- Identifying Opportunities
- Professional Career Skills

Week 08

- Resume Writing
- Cover Letters
- Interview Skills
- Job Seeking Skills

Weekly Specialisation Schedule

- **Project releases:** Projects are released on Saturdays and ends by end of Thursdays
- **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

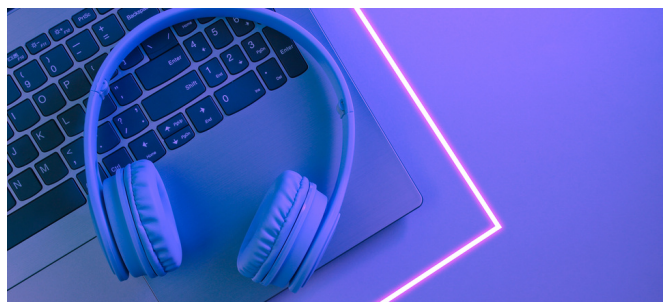
Week 01 – Fundamentals of the web

Week 02 – Version Control

Week 03 – UI Design

Week 04 – HTML

Week 05 & 06 – CSS



Week 07, 08 & 09 – JavaScript

Week 10, 11 & 12 – React JS

Week 13 & 14 – CSS Framework

Week 15 – Working with APIs

Week 16 & 17 – Capstone Project

