alx

FRONT–END WEB DEVELOPMENT

ALX now provides more for those who want more. Access the full ALX ecosystem for just $5 a month, for the duration of your chosen programme:

- World-class career development programmes, valued up to $12,500 each
- A thriving community of peers and professionals
- State-of-the-art Tech Hubs to enhance your journey
- Career services and community support

Professional Foundations Programme

(your first 3 months)

What is Professional Foundations?

Professional Foundations is a foundational programme that helps young professionals develop the essential skills needed to excel in their careers.

Over 3 months, learners engage in a programme designed around practical skills and knowledge, specifically tailored to the modern tech workplace. Through a mix of individual projects, team-based challenges, and real-world applications, this programme builds a solid foundation for professional success.

Why is this Programme Important?

In today's job market, technical skills alone are not enough for a successful career. Employers seek well-rounded professionals who possess both technical know-how and soft skills—like communication, problem-solving, and leadership.

The Professional Foundations programme bridges this gap, empowering learners to navigate complex work environments with competence and confidence. This programme provides a complete toolkit for building the vital skills professionals need to succeed in a career in any industry.

Career Readiness

Learners gain critical professional skills that help them stand out in the workforce and succeed in tech-focused roles.

Collaborative Learning

Learners work in squads, encouraging peer-to-peer learning, teamwork, conflict resolution, and a culture of continuous growth. This experience also helps build a professional network, and networking skills, that will help learners grow their future careers.

Practical Application

The programme features hands-on exercises and deliverables that allow learners to immediately apply their newly acquired skills, making learning both engaging and relevant to the real world.

Key Components of the Programme

Professional Foundations emphasises 8 key Meta-Skills across Leadership, Analysis, and Execution—essential skill sets for thriving in today's workplace.

- Tech Skills
- Leading Self
- Leading Others
- Communicating for Impact
- Critical Thinking
- Quantitative Reasoning
- Managing Complex Tasks
- Entrepreneurial Thinking

7 Months (20 hrs per week)

What is Front-End Web Development?

Embark on a transformative journey into front-end web development with our meticulously crafted 8 month 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 3-month foundational training, where they acquire vital skills such as 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

7-Month
Programme

100%
Digital (Online) Learning programme

20 hrs
Per Week

Specialisation

- **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 dee**p 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.

Content Breakdown

Part 01: Onboarding and introduction to web	**Part 10:** Fundamentals and Core Concepts of React
Part 02: Version control	**Part 11:** Styling, States, Rendering, Routes and Hooks
Part 03: UI Design	**Part 12:** State management in React
Part 04: HTML	**Part 13:** Advanced React and Authentication in React JS
Part 05: CSS	**Part 14:** CSS Framework
Part 06: More HTML & CSS	**Part 15:** Building React projects with Tailwind CSS
Part 07: Fundamentals of JavaScript	**Part 16:** Working with APIs
Part 08: Deep Dive into JavaScript & Advanced Application of JavaScript	**Part 17:** Capstone Project
Part 09: DOM manipulation, Web storage and working with JSON data	