



Microverse Full-Stack Web Development Syllabus

Become a professional software developer. Learn the skills you need to start your international career, from anywhere in the world.



Full-Stack Web Development

Microverse's full-time, online web development program helps prepare you for a career as a full-stack web developer.

"I can say that I've doubled my salary after joining Microverse and that really has a significant impact on my life... I have wanted to become a developer ever since graduating in 2016, and I'm grateful to Microverse for helping me to achieve my dream."

10-Months Full-time

Becoming a world-class software developer takes commitment.

7 months of core curriculum + 3 months of job searching*
*this is the average time expected

Program Timezones

- 1. Americas: 8 am 5:15 pm UTC-6
- 2. Europe/Africa: 8 am 5:15 pm UTC+1

Microverse's Daily Schedule

Mornina

• 8:00 am - 8:30 am: Call with morning session team

• 8:30 am - 12:00 pm: Remote collaborative learning session

Break

• 12:00 pm - 1:00 pm: Lunch break

Afternoon

• 1:00 pm - 4:45 pm: Remote collaborative learning session

4:45 pm - 5:00 pm: Prep for your standup call
5:00 pm - 5:15 pm: Call with standup team

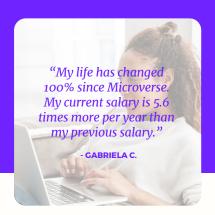
• 5:15 pm - Onwards: Optional catch-up and homework time



Microverse Curriculum

Throughout the program, you will work on the below modules, and many professional and technical skills, including:

- Collaboration in group projects
- Git & GitHub and code reviews
- Tests & best practices
- Algorithms & Data Structures



Modules

1: Introduction to Microverse & Remote Collaboration

- Introduction to Microverse and collaboration at Microverse
- HTML forms and responsiveness
- Accessibility and CSS frameworks
- · JavaScript and DOM manipulation

2: JavaScript & Networking

- Dynamic websites and organizing JavaScript code
- ES6 and Webpack
- Using APIs
- Presenting yourself as a remote professional
- · How to build your professional network

3: React & Job Application Materials

- React as a front-end framework
- · Redux as a state management tool
- Creating your job application materials

[1 Week Break]

4: Ruby, Databases & Interviewing

- Databases
- Introduction to Ruby
- · Object-oriented programming
- What to expect in interviews and mock interview practice

5: Rails & Preparing to Job Search

- Model-View-Controller architecture
- Database connection
- · Authentication and Authorization
- Creating APIs
- What to expect while job searching, including best practices and tools

6: Final Capstone Group Project

- Full-Stack web app built as a group project
- · Industry professional mock interview

7: Full-time Job Searching

- · Introduction to full-time job searching
- Work with your career coach and daily standup team
- Continue practicing your skills while networking and applying