



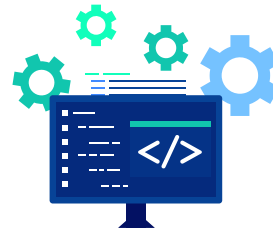
# Full-Stack Web Development Career Track



## Pre-Course

The Pre-course will be your initial stop in the career track. It will help you understand the basic concepts of programming and write your first programs in Python.

WEEK 01



## Full-Stack Web Development Course

Here you will become a master in using a number of full-stack web development languages and frameworks including, but not limited to HTML, CSS, JavaScript, React, NodeJs, ExpressJS and MongoDB.

WEEKS 03-26

WEEKS 03-26

## Graduation Project

WEEKS 26-32



## Soft Skills Course

During this course, you will acquire the essential soft skills every recruiter is looking for. These are vital in any role and can make or break your chances of landing your dream job!



## How to get a DEV job course

This course will support you in navigating the often chaotic world of job searching with confidence and will encourage your walk through the uncertainties of finding a job.

## Introduction to Programming with Python

Hello World  
Python: Strings

▶ **Quiz: Python Strings**

Python: Numbers

▶ **Quiz: Python Numbers**

Python: Arithmetic

▶ **Quiz: Python Arithmetic**

Python: Dates & Times

▶ **Python Quiz: Dates & Times**

Python: Booleans  
Python: Conditionals

▶ **Python Quiz: Conditionals**

Python: Functions  
Python: Sets

▶ **Quiz: Python Sets**

Python: Lists  
Python: Dictionaries  
Python: Tuples  
Python: Classes & Objects  
Python: JSON  
Python: Lambdas  
Python: Map, Filter, Reduce

Become Certified

▶ **SoloLearn Certificate URL**





## ▶ Dev Environment Set Up **1 Week**

- Set up all the necessary Services & Accounts
- Setting up a Web Development Environment
- VScode
- Command line basics
- Git basics

## ▶ Basics HTML & CSS **1 Week**

- Intro to the Frontend
- HTML & CSS Basics
- Dev tools

## ▶ JavaScript Zero to Hero **6 Weeks**

- Fundamentals
- Functions
- Data manipulation
- DOM & EVENTS
- Objects & Objects constructors
- Classes & ES6 Modules
- ES6 & beyond & OOP
- Linting & dynamic interfaces interactions

## ▶ Front-End **8 Weeks**

- Lists - tables & forms
- Linking pages & working with media
- Box model & positioning
- Flexbox & CSS Grid
- Backgrounds & gradients
- Intro to UX / UI
- Responsive web development
- CSS frameworks (bootstrap)
- Animations, transitions & transform
- CSS preprocessors + SASS
- Query (optional)
- Intro to frontend frameworks + React

## ▶ Back-End **8 Weeks**

- NodeJS
- NPM
- ExpressJS
- Debug in the backend
- Asynchronous JS
- AJAX / Axios
- CRUD operations
- Web API
- Authentication & Authorization
- Postman or Insomnia
- MongoDB
- Mongoose



Month  
01

### Section #1 Intro To Employability & Effective Learning

Understanding what makes a person employable and what skills companies are looking for in potential hires. Also, we will be talking about how you can get the most out of the course.

### Section #2 Self-Awareness

1. What makes a person self-aware? We will be using a variety of tools and methods to better understand ourselves and the career we want to eventually get into.
2. Office Hours to make sure that our students are aligned with their expectations, and that would be through Analysing progress which would lead to much more understanding themselves, being much more aware and incharge of their future.

Month  
02

### Section #3 Communication

We will be exploring and practicing ways to become an effective communicator.

- Effective and supportive communication attributes.
- How to ask Good questions.

### Section #4 Time-Management & Effective Learning

1. We all have a very limited asset that no money can buy: our time. Knowing how to manage it effectively and what tools to use can increase our value provided to the world exponentially.
2. How to succeed in remote learning and Manage time/tasks within a customized time fram and used tools to meet the high level expectations of SHA program.

Month  
03

### Section #5 Feedback & Teamwork

Whatever career you choose, being an effective team player & giving others feedback is likely to be a huge asset allowing you to supercharge your personal growth and climb the career ladder.

### Section #6 Creativity & Critical Thinking

Complex problem solving & innovative thinking are some of the most critical skills to be successful in your career. We will be exploring different tools & methods for you to practise these skills.

Month  
04

### Section #7 21st Century Mindset

What are employers looking for? How to future-proof yourself to thrive in the ever-changing 21st Century?

### Section #8 CV

1. We will explore what makes CV a success and our team will review your CV to ensure it is all polished and ready for recruiters.
2. Individuals Review.

Month  
05

### Section #9 LinkedIn & Personal Brand

1. Together, we will designing an effective LinkedIn Profile and employing LinkedIn job seeking strategies.
2. Individuals Review.

### Section #10 Interviews

1. Individual one on one support from our team to make sure you are prepared & have all the tools you need to successfully venture out into the job seeking journey.
2. Personal Narrative Plus Technical Narrative.
3. Interview structure flow.
4. TBD techniques (To Be Determined)

Month  
06

### Section #11 Alumni Q&A

Meet with successful Alumnis to ask them whatever you want to learn about landing a job as a developer.

### Section #12 What's Next Prepare Your Post-Course Strategy

1. Individual one on one support from our team to make sure you are prepared & have all the tools you need to successfully venture out into the job seeking journey.
2. Job Search Process.
3. Job search Follow up with SHA employability department.



**Ready to enroll for our next career track?**

**Apply Now >**