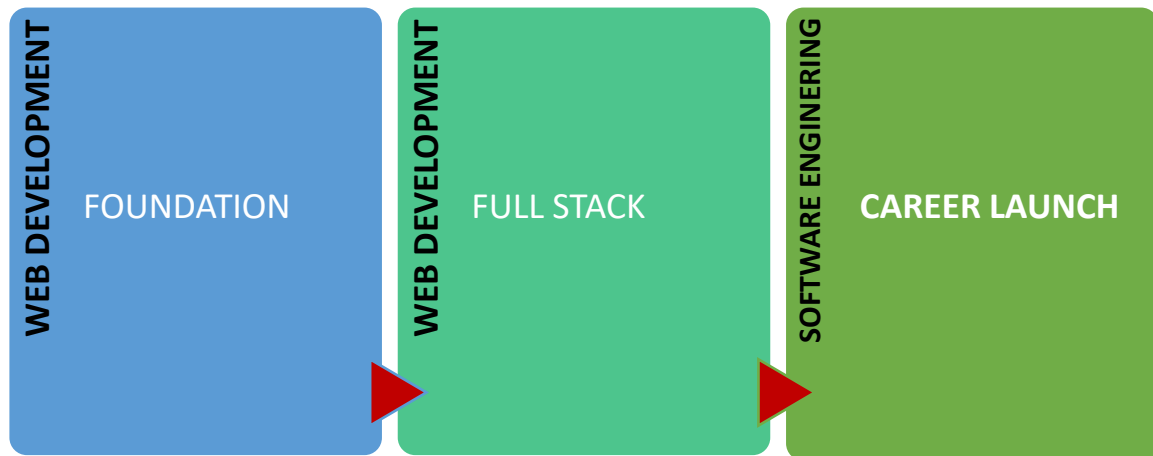




WEB DEVELOPMENT – FOUNDATION

“Developing Job Ready Developers”



Let's become a creator of technology to build a financially rewarding career.

No matter who you are, what you do or where you work, your life is being shaped by changing technology. We can't stop this, but we can adapt our future to make the most of it.

That's where we come in, to make information technology both a knowledge, skill and an exciting experience for ANYONE.

Looking to dive into the web developer career path? Professional website developers are in demand in various industries like ecommerce, electronics, publishing, and software design. The best tech companies are hiring web developers, and the job description of a web developer doesn't even require a formal degree.

Get Ready for the jobs of the future!

Our goal for this training is to train the talents of tomorrow, those who will be able to face, and even benefit from digitalization. This path will allow you to become a web developer with the most essential skills.

Who can join? Sri Lankans. Above age 15, passionate about web development or software engineering, technology enthusiasts.

Lecture Sessions

- Course duration: 8-10 weeks
- Session duration: 2 hours
- 2 Sessions per week

Need advice? Contact our mentors for help (Call hours weekdays 11 am – 6 pm)

More Info: 0742833337, info@plustechacademy.com, www.plustechacademy.com

Postal Address: Can Academy, 82/4, De Mel Road, Lakshapathiya, Katubedda.

**Everybody should learn to program a computer, because it teaches you how to think.
- Steve Jobs**

Learning Outcomes

1. Introduction about internet and web development
2. Introduction to HTML
3. Introduction to CSS
4. Introduction to JavaScript
5. Individual Project Development using HTML CSS and JS
6. Introduction to Bootstrap 5
7. Introduction to jQuery
8. Introduction to Backend Web Development
9. Introduction to WordPress
10. Responsive Design a Web Site
11. Learn how to moving live a site
12. Final Live Project

Lesson 1: Introduction to HTML

Introduction about internet and web development
How to setup your localhost using XAAMP
What is HTML
HTML Tags
HTML Comments

HTML Colors
HTML Images
HTML attributes
HTML Tables
HTML Block and Inline
HTML Classes and ID

Lesson 2 – Introduction to CSS

Borders/Margins/Padding
Height/Width
Box Model
Positions

Combinators
Pseudo classes and Pseudo Elements
!important usage

Lesson 3 – Introduction to JavaScript

Introduction
Syntax
Output

Variables
Operators

Lesson 4: Introduction to Bootstrap

Bootstrap Page Structure.
Bootstrap Grid System.
Bootstrap Layouts.
Bootstrap Typography.
Styling Images.

Bootstrap Tables, Buttons, Badges, &
Progress Bars.
Bootstrap Pagination.
Bootstrap Panels and more...

Lesson 5: Starting with jQuery

Embedding jQuery.

jQuery Syntax, Selector, Class, ID.

jQuery Events.

jQuery Mouse Effects.

jQuery Event Handlers.

jQuery Animations.

jQuery Callback and Chaining Functions.

jQuery Queue Functions.

Lesson 6: Introduction to Backend Web Development

SQL MongoDB

Lesson 7: Organizing WordPress Content using Divi/Elementor

Starting with WordPress

Themes ins and outs

Quick editor

Categories and Tags

Menus and Widgets

Setting up the Menu

Adding Custom CSS to the site

Lesson 8 – Responsive Design

What is Responsive Design

Media Queries

How to make a site responsive for both Ipad and Mobile

Lesson 9 - Finalizing your WordPress site

What is SEO

Best SEO practices when building your site

Cross browser testing

Yoast SEO setup

What is caching

Caching using plugins

Robots.txt setup and why we use it

Sitemap setup

Submitting Site to Google

Lesson 10 - Deploying

Finding a Web Host

Buying a domain and updating nameservers

HTTP and HTTPS

C panel and its basics

Creating webmail

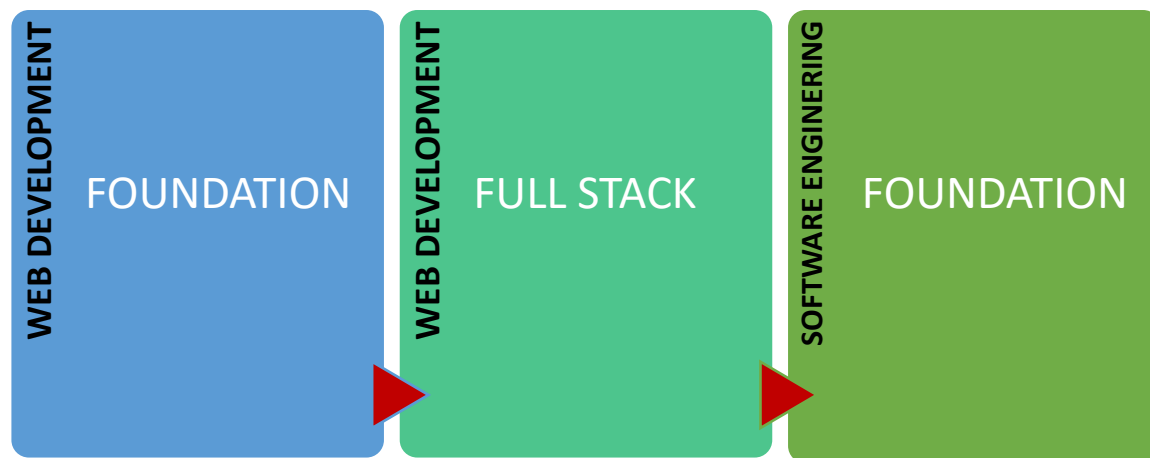
Web Developer Career Path FAQ

Is web development easier than software engineering? Yes, web development is easier to learn because you can focus on HTML, CSS, and JavaScript languages. A software engineer will need knowledge in more complex programming languages like Java, Python, and C++ to qualify for career opportunities.

Can a web developer become a software engineer?

With experience in a variety of software applications, web developers can indeed become software engineers. Web developers can expand the projects they are working on to include writing code for software outside of web applications.

After completion of the Foundation training, you can join the Advanced training to learn more on **Full Stack Web Development** & most essential **Software Engineering** skills.



WEB DEVELOPMENT – FULL STACK: A full-stack developer is a developer or engineer who can build both the front end and the back end of a website. The front end (the parts of a website a user sees and interacts with) and the back end (the behind-the-scenes data storage and processing) require different skill sets.

SOFTWARE ENGINEERING – FOUNDATION: If you want to build a career in software development, you must have a strong foundational knowledge of programming languages. The Software Engineering Foundation is designed to improve knowledge in multiple programming languages as well as both front and back-end development. You'll work through coding projects and exercises similar to the work that software engineers do daily.

FAQ: Frequently Asked Questions

1. Does your education system help beginners? Definitely! We understand learning minds, whether they are young children or experienced adults - and have designed our knowledge sharing approach to suit every need.

2. How will learners' benefit? Each of our students will receive training to sharpen their skills to prepare for the most demanding jobs. Whether you are 6 or 60 years of age, you can join us with no necessary previous experience or qualifications.

- Shortest path for a financially rewarding Career in Tech.
- Empower through continuous coaching even after the completion of the training.
- Affordable, fast track courses to be employment ready.
- Industry focused dynamic curriculum.
- Spot talented students and give an opportunity so they can work wonders.

3. Are you a degree-awarding institution? We do not award any degrees or diplomas. We value hands-on technical competency, world-class skills and professional attitudes over certificates.

We want our students serve with excellence, in both skill and character.

4. Do you arrange job placements? While we like to help out, our priority is providing learners the opportunities to enhance their capabilities through training and showcase their abilities.

5. Will you support me to start my own business? Yes. In case you don't want to stay in the workforce any longer, we will guide you to build an entrepreneurial path related to the IT industry.

6. Are all your trainings free? No. Some of the trainings are "Pay As You Go" and have payment options that suit your needs. We also do our best to ensure students with financial difficulties are given maximum available concessions/support (so don't make money a limitation!).

7. Do you provide mentoring and guidance? Of course! At the heart of our academic empowerment model is continuous mentorship.

8. How do I join a class/training? You can register through our website – WWW.PLUSTECHACADEMY.COM. If you need help choosing a course, our mentors are happy to help on (mobile/whatsapp) 0742833337.

9. Do you have training programmes for adults and senior citizens? Of course, we do, at your own schedule too! Call us on 0742833337 and our consultants guide you to success.

10. What kind of equipment does my child/I need, when learning?

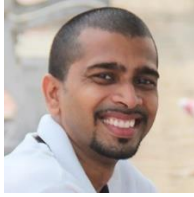
All that's needed is a computer (laptop, desktop), web camera and microphone (built-in or external) and any kind of internet connection.

Developing digital skills will create opportunities for our students to reskill into better careers for roles that employers need now and in the future. **Got more questions?**

Contact: (+94) 0742833337, 0777428427

Email: info@plustechacademy.com | Web: www.plustechacademy.com

Founder's Message: Let us help everyone fall in love with Computer Science.



Shaveen Fernando

Founder – Can Academy (Pvt) Ltd

Profile: <https://www.linkedin.com/in/shaveenfernando/>

Email: shaveen@saltglobal.org Website: www.canacademy.co

I believe that everyone in this world has the right to live a life of dignity, prosperity & peace.

I started my software engineering career in 2003 and lead teams at leading travel technology solution companies providing solutions for the global hospitality industry. Currently I'm engaged in growing – Can Academy (Pvt) Ltd, +Tech Academy and SALT (Social Alliance for Love & Trust) having the aim of helping anyone springboard towards skills and excellence.

Business is more than making profits and building empires. I strongly believe that profit generation should not be the one and only goal for a business, but it is also important to make a lasting positive impact on people and society in general.

SDG Contribution: [Sustainable Development Goals](#)

