

# 1. FULL STACK WEB DEVELOPMENT

HTML | CSS | JavaScript | Git | GitHub | SASS/LESS | Flexbox | CSS Grid | React |  
Context API | Redux | Node.js | Express | MongoDB | PostgreSQL | Jest | Mocha |  
Docker | Heroku | Vercel | Vue | Angular | Flask | Django

## Week 1: Introduction to Web Development & Front-end Basics

### Day 1: Introduction to Web Development

### Day 2: HTML

- Building the Structure for your Personal Website

### Day 3: CSS

- Styling your Personal Website

### Day 4: Responsive Design

- Make your Personal Website Responsive to display properly in all device

### Day 5: JavaScript

- Improve the User Experience of your Personal Website using Javascript

### Day 6: Document Object Model (DOM) Manipulation

- Adding Dynamic Feature in the Website based on user interaction with the website

### Day 7: Complete Personal Website

- Recap of the week.
- Complete our Personal Website by adding all required Features

## Week 2: Advanced Front-end Development & Introduction to Back-end

### Day 8: Advanced CSS and Preprocessors

- Introduction to CSS preprocessors (SASS or LESS).
- [BONUS] Netflix Clone - Hero Section

### Day 9: JavaScript ES6+ Features

- Let, const, arrow functions, template literals.
- Promises, async/await.
- Building Weather Web Application using Weather API

### Day 10: Front-end Frameworks & Library - React

- Introduction to React and its ecosystem.

- Components, props, and state.
- Build a single-page application (SPA) with React - Mini ToDo App

### **Day 11: State Management**

- Introduction to state management by using Context API and Redux.
- Integrate state management into your SPA.

### **Day 12: Introduction to Back-end Development**

- Overview of back-end technologies.
- Setting up Node.js and Express.
- Build a simple REST API.

### **Day 13: Database Integration**

- Introduction to databases (SQL vs. NoSQL).
- Connecting your API to a database (MongoDB or PostgreSQL).
- Creating web applications using MongoDB & PostgreSQL

### **Day 14: Authentication Process on Web Application Add authentication to your SPA and API.**

## **Week 3: Full Stack Integration & DevOps**

### **Basics**

#### **Day 15: Connecting Front-end to Back-end**

- Video Testimonial Tool for Companies

#### **Day 16: Advanced Back-end Techniques**

- Building middleware for authentication.
- Complete ToDo Application

#### **Day 17: Introduction to Testing**

- Unit testing, integration testing.
- Testing in front-end and back-end (Jest, Mocha).
- Mini-project: Write tests for your application.

#### **Day 18: DevOps - Docker**

- Introduction to Docker.
- Convert & Push your Web application as an Docker Image into Dockerhub

#### **Day 19: DevOps - Git/GitHUB**

- Introduction to Git & GitHub
- Exploring Various GitCommands

#### **Day 20: DevOps & Deployment - Heroku & CI/CD Pipeline**

- Deploying your application (Heroku).
- Continuous Integration/Continuous Deployment (CI/CD) basics.

#### **Day 21: Introduction to Other Frameworks and Libraries**

- Overview of other popular tools (Vue, Angular).
- Small tasks using new tools.

#### **Day 22: Introduction to Python-based web application**

- Overview of other popular tools (Flask & Django).
- Creating Web Application using Django with ChatGPT API

### **Day 23: Planning and Design**

- Conceptualization of the web application idea.

Requirement analysis for functionality, features, and user interactions.

- Technology selection for front-end and back-end.
- Designing wireframes or mockups for the application's UI.
- [BONUS] Netflix Clone Complete

### **Day 24: Launching your Application**

- Introduction to Domain & Hosting
- Deploying the application to a cloud platform or hosting service.

### **Day 25: Security Best Practices**

Web application security fundamentals.

Securing your application (OWASP Top 10).

### **Day 26: Scalable Architectures**

- Introduction to microservices and serverless architectures.

Case study: Scaling a web application.

### **Day 27: Building Portfolio**

- Setting up Personal Website, GitHub & LinkedIn Profile

### **Day 28: Creating another Source of Income**

- Freelancing and remote work opportunities.

### **Day 29: Career Skills in Web Development**

- Resume writing and interview preparation, Crack interview on Full stack journey.

### **Day 30: Final Review & Graduation**

- Final project presentations.
- Feedback session.
- Graduation and next steps

## **Website Building Mastery**

- Create a Complete Website From Scratch using Wordpress

## **E-commerce Building Mastery**

- Welcome to E-commerce Building Mastery
- E-commerce WordPress Hosting
- E-commerce Free Templates

- Create Category and Product
- How to Create Virtual Product
- How to integrate Domestic and International Payment Gateway
- Instamojo Online Store

## Canva Blueprint

- Introduction to Canva
- Creating and Exploring Canva
- Creating YouTube Thumbnail template
- Creating YouTube Thumbnail from Scratch
- Creating Ad Image
- Creating Images for Different Purpose
- Tips for Creating a Canva Image - Part 1
- How to Create a Single Image Carousel
- Creating a Same Series of Image in Bulck
- Canva Addons

## AI For Everything

- Introduction to Generative AI
- ChatGPT & its Prompts
- Creating YouTube Channel Powered by A.I - Complete Journey
- Website Designing using Generative A.I
- Content Creation & SEO - Blog/Website
- Project Development & Selling

WARRIORS WAY