Course Title: Introduction to Vue 3: Building Web Applications

Course Description: This course is designed for web developers who want to learn Vue 3, a progressive JavaScript framework for building modern web applications. You'll start with the basics and progress to more advanced concepts, allowing you to create interactive and dynamic web apps.

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Course Duration: 6 weeks		
Module 1: Introduction to Vue 3		
	Lesson 1.1: What is Vue.js? Lesson 1.2: Setting up Your Development Environment Lesson 1.3: Creating Your First Vue App	
Module 2: Vue Components		
	Lesson 2.1: Understanding Vue Components Lesson 2.2: Data Binding and Templates Lesson 2.3: Event Handling and Methods Assignment: Build a Simple Component	
Module 3: Directives and Interactivity		
	Lesson 3.1: Working with Directives Lesson 3.2: Conditional Rendering Lesson 3.3: Lists and Loops Assignment: Create an Interactive To-Do List	
Module 4: State Management with Pinia		
	Lesson 4.1: The Need for State Management Lesson 4.2: Setting Up Pinia Lesson 4.3: Mutations, Actions, and Getters Assignment: Implement State Management in a To-Do List	

Module 5: Routing with Vue Router

	Lesson 5.1: Introduction to Vue Router
	Lesson 5.2: Creating Routes and Navigating
	Lesson 5.3: Dynamic Routing
٦	Assignment: Build a Multi-Page Application

Module 6: Real-World Applications and Best Practices		
	Lesson 6.1: Building a Complete Project Lesson 6.2: Optimization and Performance Lesson 6.3: Testing and Debugging Final Project: Develop a Full-Fledged Web Application	
Additional Resources:		
	Links to official Vue.js documentation Recommended readings and articles for further learning Code repositories and GitHub projects for reference	
Assessment and Certification:		
	Quizzes at the end of each module to test your knowledge A final project to showcase your Vue 3 skills Certificate of Completion upon successfully passing assessments	
Community Building:		
	Discussion forum for questions and collaboration Weekly live Q&A sessions for direct interaction	
Course Prerequisites:		
	Basic understanding of HTML, CSS, and JavaScript is recommended.	

This course provides a comprehensive introduction to Vue 3, from the fundamentals to building real-world projects. Each module includes practical assignments to reinforce your learning. You'll gain the skills needed to create dynamic and interactive web applications using Vue 3.