VUE.JS DEVELOPERS

LESSON 1

GETTING STARTED WITH ENTERPRISE DEVELOPMENT

Introduction

Hi, everyone, my name is Anthony Gore. I'm a web development educator, and you might already know me from one of my books or courses, or perhaps from my blog or newsletter, all of which are primarily about Vue.js.

What are you hoping to achieve as a developer this year?

Maybe you have career goals? There might be a more senior role at your company that you've been waiting to take, or perhaps you want to find a new company that's working on projects that really excite you.

If you're perfectly happy with your job, perhaps this year you want to find new and challenging ways to level-up your mastery of the craft. That's definitely the case for me.

To be a real asset to a company, a really critical set of skills that you want to build up are what I call the core enterprise web development skills.

This set of skills includes things like full-stack architecture, authentication, testing, deployment, documentation, and anything else that's important for commerical-grade web app development.

In this series of videos, I'm going to give you a crash course on some of these skills by showing you how to set up an enterprise-ready Vue application.

The aim is for you to leave with some ideas for what you could focus on this year to accelerate your career and to take your craft to the next level.

So let's begin by getting an understanding of why enterprise web development skills are so important for building commercial-grade apps.

So let's say the company you're working for gets a contract to build a web app for a big corporation like Coca Cola.

Coca Cola wants an interactive website to showcase a new line of beverages that they're releasing next quarter.

On the surface, this application is not going to be much different to any other Vue app you've built before. It'll probably be a single-page application using Vue Router and Vuex and the other tools you would normally use.

To become aware of the enterprise aspects, we need to take a step back and look at the bigger picture.

What makes an enterprise web app?

- Long lifecycle
- Data-driven
- Multiple developers
- Robust and stable

Long lifecycle

An app like this is probably not something that you'll build in two weeks, launch, and forget about.

The client will want you to add features and make changes, perhaps over a period of several years.

Data-driven

This project will probably need more than just a client-side Vue app.

The app may need a lot of info about the products, and perhaps even a user login. So you need to think about this project as a full-stack app with a backend and database.

Multiple developers

The project is probably going to involve multiple developers.

You may have one developer for the frontend and one for the backend, or at the very least, you may need a developer to make changeswhile you're sick or on holiday.

Robust and stable

If you've ever worked in a software agency you'll know that clients don't like it much if their site goes down or if there are bugs stopping their customers making a purchase.

So it's crucial for an enterprise app to be stable and free of bugs.

Features of enterprise Vue apps

Include...

- Full-stack
- Testing
- Deployment pipeline

So now we know some of the aspects of enterprise web apps.

Given those, what are the features we'd need to include in an enterprise Vue project?

Full-stack

Well, if our app needs to be data-driven, we should probably make it full-stack.

Testing

And if we need to ensure it's stable and error free, it'd be a good idea to include a suite of tests, perhaps including unit and browser automation tests.

Deployment pipeline

If the site is going to be around for a few years, we should have a proper deployment process so that we can add new features over time and ensure mistakes don't get pushed into the live app.

And more

These aren't the only requirements, but since these are some of the most important, these will be the topics we'll be covering over the next four videos of this course.

Download free course resource

- Code repo
- Text version of course

Before we finish this lesson, I wanted to let you know that you can download a free resource kit for this course.

This includes a code repo that you can use to follow along with and use as a basis for your own projects, as well as well as a transcript of the course that you can quickly refer back to.

I'll put the download link below.

[GitLab - MEVN Enterprise Boilerplate (https://gitlab.com/anthonygore/mevn-enterprise-boilerplate)](https://gitlab.com/anthonygore/mevn-enterprise-boilerplate)

In the next video...(full-stack Vue app scaffolding)

In the next video we're going to get into the first topic and talk about...

...ways we can make Vue part of a full-stack configuration.

Thanks for watching and I'll see you in the next video.