Ecom4u

SYNOPSIS

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ABSTRACT

Full stack development refers to the development of both front end and back end portions of an application. This web development process involves all three layer- Presentation layer (front end part that deals with the user interface), Business Logic Layer (back end part that deals with data validation) and the database Layer. It takes care of all the steps from the conception of an idea to the actual finished product.

Having a specialist work on each of the different subsystems of web development process proves quite complex and expensive. Companies are demanding full stack developers who are proficient in working across multiple stacks.

The Full Stack Developer is proficient in:

- Writing optimized front-end code in HTML, Java, JavaScript
- Creating and using APIs and writing backend code in Ruby, Python/Java
- Working with system infrastructure including hardware and OS
- Networking, Security
- Understanding, creating and querying databases
- Project management and Client coordination

Here we are creating an e-commerce website named "Ecom4u" in which will help the dealers as well as the customers both. We will create two separate login pages one for the dealer and one for the customer, through which the dealer would be able to upload his/her products and the customer will be able to order them according to the given choices.

MOTIVATION

Easy things in life cannot be achieved in comfort zone , that gave us the motivation to opt for this project. We opted to make this project just for the sake of learning the full stack development skills and enhancing them over raw data. In order to become a successful full stack developer, the knowledge of designing is also recommended. Moreover, the person should know the principle of basic prototype design and UI /UX design.

A Full-Stack Developer doesn't necessarily master of all technologies. However, the professional is expected to work on the client as well as server sides and understand what is going on when developing an application. He or she should have a genuine interest in all software technologies.

Hardware:
Computer/Laptop

Software:
Brackets
XAMP

Languages:
HTML
CSS
JavaScript
PHP

<u>REFRENCES</u>

- Udemy online certification course
- Wikipedia
- Wordpress
- W3schools

Project Github id: https://github.com/mayankgupta06/Ecom4u