

"Workshop on AngularJS"

By Mr. Pankaj Jhamnani, Founder and CEO at Codeaxis and experienced Software Developer on 14th September, 2020

During the webinar on "AngularJS" Mr. Pankaj Jhamnani, Founder and CEO at Codeaxis explained about the basics of frontend development, use of frontend that can be incorporated and used to develop a perfect webpage. They explained AngularJS practically by building the demo app. During workshop students were given a chance to talk with an industry person like him who knows the professional world better.

What is AngularJS

AngularJS is a JavaScript-based open-source front-end web framework mainly maintained by Google and by a community of individuals and corporations to address many of the challenges encountered in developing single-page applications. It aims to simplify both the development and the testing of such applications by providing a framework for client-side model-view-controller (MVC) and model-view-viewmodel (MVVM) architectures, along with components commonly used in rich Internet applications.

What is framework and need to implement it

Framework, is a platform for developing software applications. It provides a foundation on which software developers can build programs for a specific platform framework provides you with the certainty that you are developing an application that is in full compliance with the business rules, that is structured, and that is both maintainable and upgradable.

Features of AngularJS

Mr. Pankaj Jhamnani explained the features of AngularJS such as:

- Applications written in AngularJS are cross-browser compliant.
- AngularJS automatically handles JavaScript code suitable for each browser.

Working of Angular

Angular is a platform and framework for building single-page client applications using HTML and TypeScript. Angular is written in TypeScript. It works on the Model View Controller architecture. The Model is responsible for maintaining data. The View is

responsible for displaying a portion of data to the user. The Controller is a software Code that controls the interactions between the Model and View.

Advantages of AngularJS for students

- AngularJS helps the students by simplifying the process of including native JavaScript which is very crude in nature. It is a very easy framework to learn and has a lot of applications.
- We can create our own custom HTML tags based on our project.
- It has built in testing functions for a good developing experience.
- It has its own very informative blog and a huge community to learn from.
- Single Page applications with improved user experience can be created.
- Hybrid mobile apps can be built with Angular and Ionic Framework. Ionic is a framework for building hybrid mobile applications. The coding can be done in Angular or React JS. We can toggle between them alongside a sidebar to navigate between different pages which comes in very handy for making interesting apps. Which was taught to the students in the workshop.
- Many companies use AngularJS framework for their websites therefore it has a lot of job opportunities as well.