

SCTPL e-Learn – Online Coding Internship

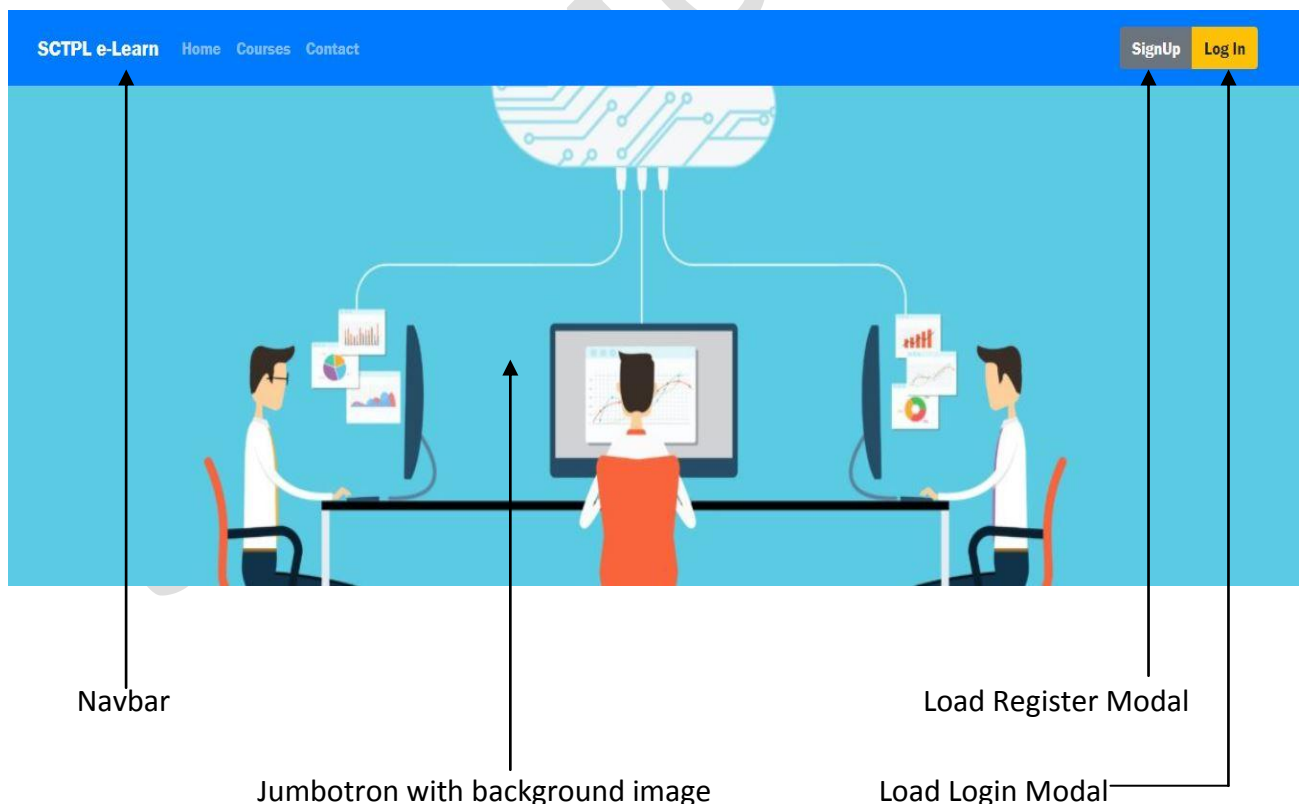
SCTPL e-Learn is hybrid web application made in angular. This web application shows you latest online coding course with discount and price. For the front-end designing part you can use either bootstrap or angular material theme. For the backend and login, registration Firebase database and firebase authentication is used. Main focus of this project is on designing part. Modules used in this project are Angular routing, Forms Module, Services, Http Client, Bootstrap and Angular firebase etc.

Reference Links:

- **Angular** - <https://angular.io/guide/quickstart>
- **Firebase** - <https://firebase.google.com/docs/>
- **Bootstrap** - <https://getbootstrap.com/docs/4.3/getting-started/introduction/>
- **Angular Material Theme** – <https://material.angular.io>
- **Project Reference** - <https://sctpl-e-learn.firebaseio.com/>

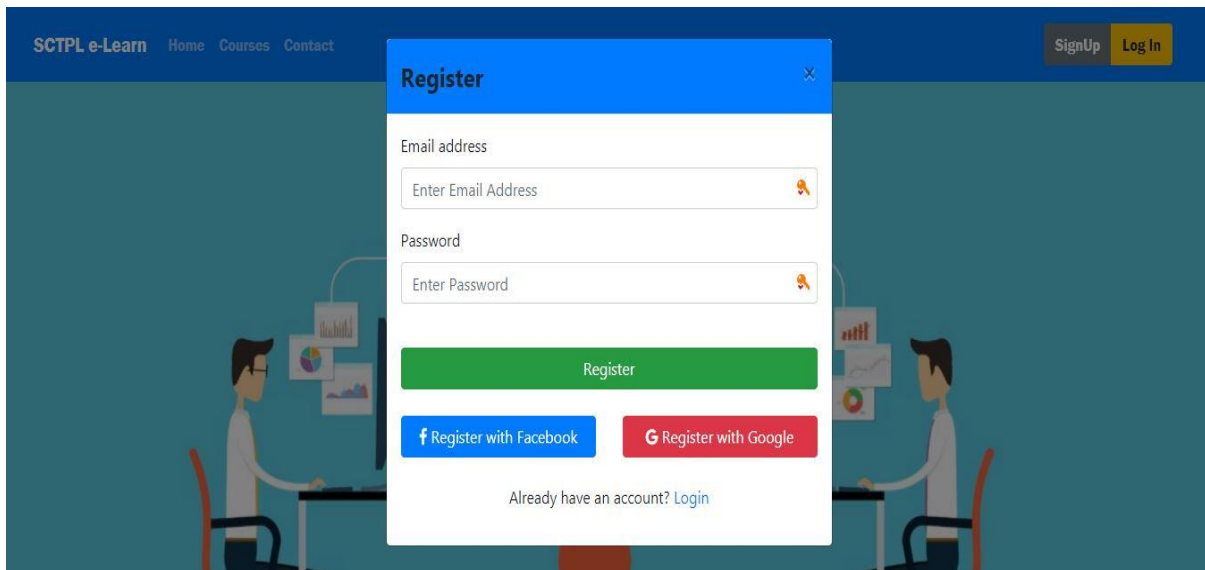
“In Angular, everything is in form on components. Components are the most basic UI building block of an Angular app. An Angular app contains a tree of Angular components.”

1. Home Component:



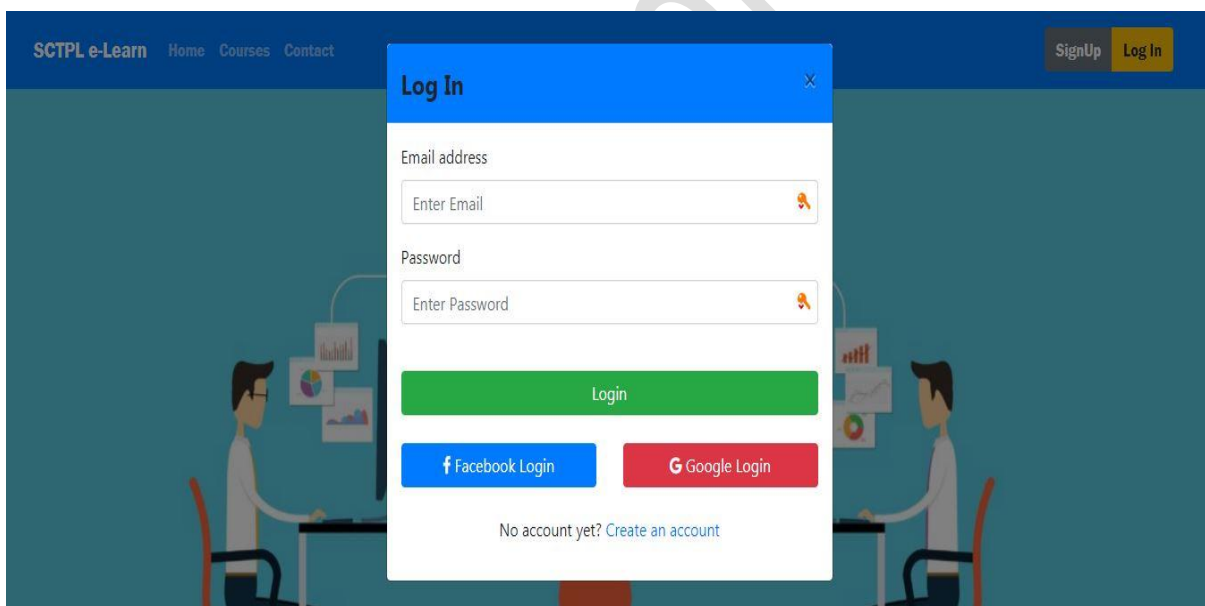
SCTPL e-Learn – Online Coding Internship

Register Modal:



The screenshot shows the 'Register' modal of the SCTPL e-Learn application. The modal is a white box with a blue header containing the title 'Register' and a close button. It features two input fields: 'Email address' with the placeholder 'Enter Email Address' and 'Password' with the placeholder 'Enter Password'. Below these fields is a green 'Register' button. Underneath the button are two social login options: 'Register with Facebook' (blue button) and 'Register with Google' (red button). At the bottom, there is a link that says 'Already have an account? Login'. The background of the application shows a navigation bar with 'SCTPL e-Learn', 'Home', 'Courses', and 'Contact', and 'SignUp' and 'Log In' buttons in the top right corner.

Login Modal:



The screenshot shows the 'Log In' modal of the SCTPL e-Learn application. The modal is a white box with a blue header containing the title 'Log In' and a close button. It features two input fields: 'Email address' with the placeholder 'Enter Email' and 'Password' with the placeholder 'Enter Password'. Below these fields is a green 'Login' button. Underneath the button are two social login options: 'Facebook Login' (blue button) and 'Google Login' (red button). At the bottom, there is a link that says 'No account yet? Create an account'. The background of the application shows a navigation bar with 'SCTPL e-Learn', 'Home', 'Courses', and 'Contact', and 'SignUp' and 'Log In' buttons in the top right corner.

Note: For Both Login & Registration make use of **Firestore Authentication** with Angular.

Steps:

- Create a Form for Login & Registration.
- Create service which will do the login and registration for both component.
- Write logic part of the function for login & registration.
- Enable auth on your firebase project.

SCTPL e-Learn – Online Coding Internship

Our Learning Tracks

The screenshot displays four Bootstrap Cards arranged horizontally. Each card has a colored header, a description, and a price at the bottom. A Bootstrap Alert box is positioned below the cards, containing a welcome message and a link to course details. Arrows point from the labels 'Bootstrap Cards/Panels' and 'Bootstrap Alert box' to their respective elements in the screenshot.

Android Development	Data Science	Java Development	Web Development
Android App Development in India is an administration that no company can ignore. The Android application development sees high return on investment. Using Android immensely reduces the development cycle. And their development tools are easy to use.	Data science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from data in various forms, both structured and unstructured, similar to data mining.	JAVA is a great learning language because you can learn all of the principles of Object Oriented Programming without the headaches of manual memory management. I'd say start your adventure with JAVA and see where it takes you. It would be time best utilized.	The swelling wave of e-Commerce dominance fueling the need for organizations to establish their online presence has led to the emergence of Web Development as an important organizational function.
30,950/-	28,950/-	26,950/-	29,950/-

Welcome! Go to courses section for latest course details.

2. Course Component:

*“Load this component only if user is logged in (use **canActivate** function in angular routing module).”*

The screenshot shows three course cards, each featuring a logo, a title, a description, an 'Enroll Now' button, and a cost with a discount. Above the cards is a Bootstrap Alert box with a welcome message.

Android	Angular	React JS
Android is a mobile operating system developed by Google, based on a modified version of the Linux kernel and support for mobile devices and electronics.	Angular is a TypeScript-based open-source front-end web application platform led by the Angular Team at Google and by a community of individuals and corporations.	In computing, React is a JavaScript library for building user interfaces. It is maintained by Facebook and a community of individual developers and companies.
Enroll Now	Enroll Now	Enroll Now
Cost: ₹14,950.00/- [10% discount]	Cost: ₹4,950.00/- [5% discount]	Cost: ₹7,750.00/- [12% discount]

- All course information is fetched from **Firebase Database & Firebase Storage**.
- Make use of **ngIf & ngFor** to show them in Cards layout.
- On Enroll Now button routes user to registration module.

SCTPL e-Learn – Online Coding Internship

3. Contact Component:

Fill Below Form To Contact US

First Name

Last Name

Email

Password

Jumbotron

Angular Template Driven Form

Note:

Store Contact information in firebase database and generate auto-mail with thank you and course details.

Node-mailer is used for auto mail part.

Refer: <https://nodemailer.com/about/>

Steps to generate Android/IOS App

- Install Cordova into your system - ***npm install cordova***
- Build your angular project – ***ng build***
- Now you can see dist folder generated after ng build inside your project.
- Create cordova project – ***cordova create mobile***
- Move inside cordova project directory – ***cd mobile***
- Delete all the contents of folder “WWW”
- Place all the contents of dist folder (generated after ng build) to www folder of Cordova project directory.
- Now go inside www folder and open index.html file and do following changes: from - ***<base href= “/”>*** to ***<base href= “./”>***
- Add Platform for Cordova project. – ***cordova platform add android/ios***
- Build Cordova Project - ***cordova build***
- You will see generated apk path, go to path copy the apk files and install into your mobile phones.