



BRIDGELABZ VUEJS WEBAPPS DEVELOPMENT PLAN

Stages - OOP, TDD Web Programming, FrontEnd Development (HTML), Advance FrontEnd Development (VueJS), Project Simulation Stage

Fellowship Part	Num of Days	Fellowship Stage	Concept Introduction	Functionality Developed
Frontend Development	12	Front End using VueJS & Typescript	VueJS, Typescript, CLI, JQuery, Events, Local Storage, Media Queries, Bootstrap 4, Media Contents, Vector, CSS preprocessors and mixins - SASS/SCSS, Router, Components, TSLint, TSConfig, Polyfills, TS Transpiling, Map & Geolocation libs	Discovery UI : Develop frontend for the Discovery UI having ability to integrate media contents like videos and high end images with top to bottom scroll down feature depending on the tabs at the header. Developing discovery UI involves a good quality of animation. UI should be responsive with mobile first approach. Capture the current location of user and display the company address using Geolocation libs. Complete UI should be develop using VueJS with Typescript.
Frontend Development	1	Workshop	Day Long Workshop on a problem given to ensure the skills learned are being applied.	
Advance Frontend Development	14	Advance Front End using VueJS & JS	VueJS, Declarative Rendering, Vuelidate lib, Vue Instance & Lifecycle Hooks, Template Syntax, Watchers, Bindings, Conditional Rendering, Events Handling, Form, Components and Props, Services, Routing, State Management, Component Registration, Custom Events	FundooNotes UI - Responsive Design to Support multiple Resolution. Login & Registration, Forgot Password, Home Dashboard with Side Navigation Menu, Header with Drop Down Signout Menus. Complete application should be develop using VueJS with Javascript and unit testing using Jest & Enzyme need to perform.
			SPA, SSR, d3js for charts, Localization, Transitions & Animation, Component Reusability & Composition, Mixins, Render Functions & JSX, Filters, Server-Side Rendering, Grunt, S3, CDN QC - ESLint, Sonarqube Build Tool - Webpack Unit Testing using Jest & Enzyme	FundooNotes UI - Cards with Editor tools to add notes, Ability to Edit, Delete, or Archive Notes, Labels, set Color, View reminders, archives, trash notes. Support UI Transitions to Open and Close Note. Create custom charts using d3js lib for notes on the basis of labels. Complete application should be develop using VueJS with Javascript and unit testing using Jest & Enzyme need to perform.
Frontend Development	2	Workshop	Q&A Day Long Workshop on a problem given to ensure the skills learned are being applied.	
AWS Cloud	6	AWS Cloud Intro & DevOps	AWS Cloud , IAM - Authentication and Authorization using AWS, AWS S3, CDN (Cloudfront) CI/CD- Pipeline using Jenkins and Deploying the application	Hosting the Discovery UI as a static UI in S3 / CDN (Cloudfront) and deploy the same in AWS Cloud
Cloud	1	Workshop	Day Long Workshop on a problem given to ensure the skills learned are being applied.	