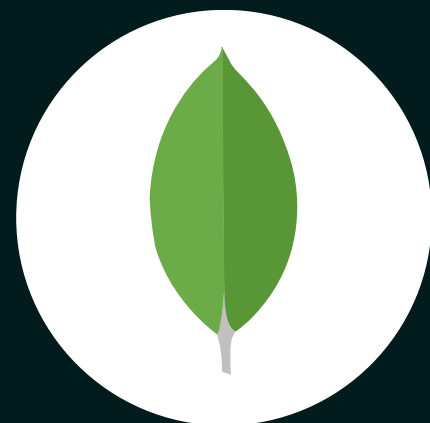


SKILL FULL
Developer
★★★★★

MERN STACK DEVELOPMENT

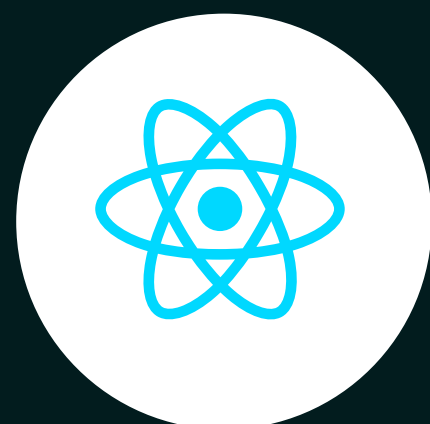
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1. FRONTEND

a. HTML



Basic of HTML: tags, attributes



All HTML5 elements: header, footer, nav etc.

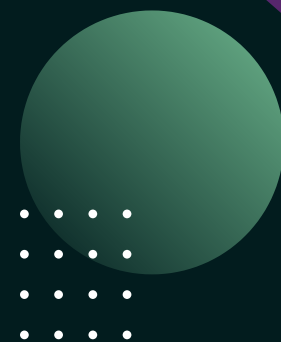


Understanding forms & Input



Tables, tags, div, forms, apis

b. CSS



Basic of CSS - tag, class, selecto



Inline, internal, and external CSS



Spacing:



Padding, margin



Background styles



b. CSS



Image styles



Text styles



Border styles

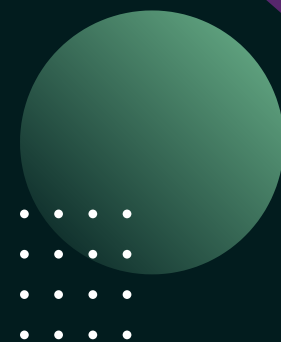


Font styles



Element position

b. CSS



Flex Box and Grid



Animations and Transitions



Responsive box-shadow, text-shadow, border-radius



Tailwind CSS - MiniProject with Tailwind



c. JavaScript

- Introduction to JS, Variable, Datatypes, Operators & Precedence
- Control Statements and Loops (for, while, for in)
- String and Methods Array and Methods Math and methods Date and methods
- keyword, Functions, Try/catch
- Callback, Arrow functions Promises, Async-Await, Events

c. JavaScript

- Map/filter/reduce/forEach methods
- Concept of classes in JavaScript
- Spread Operator, Map, Set For/Of Loop
- AJAX/Fetch API/JSON
- Web Storage (cookie, local storage, session storage etc.)

d. React

» Installing and setting Up reactJs

» JSX

» Component

» State Full and Stateless Component
State and props

d. React

- » Hooks (useEffect, useState, useMemo, useRef etc.)
- » Conditional rendering
- » Context API Global State Management (Redux, React Query)
- » Connect API with Fetch or Axios

d. React



**React Form or Forkik/Reacthooks Form
library React Event**



React Router



Tailwind CSS with react

2. BACKEND

a. Node JS

- »» What is Nodejs?
- »» What is npm?
- »» How to run Nodejs?
- »» How to install the Node package?
- »» Explore preinstalled Nodejs packages fs,
- »» Explore concepts: import/export module, create server, set config, file handling, send mail etc

b. Express JS

- **How to setup ExpressJS**
- **Create a Project Structure**
- **How to use and create middleware**
- **How to Build RestFull API**
- **Using Postman to test**
- **How to connect database with ExpressJS**

b. Express JS

- How to setup ExpressJS
- How to create a controller/view
- Explore Json based Token
- MVC Architecture, CRUD Operations, Middlewares
- Explore these packages: body-parser, dotenv, mongoose, jsonwebtoken, cors

c. Mongo DB

- How to install and run MongoDB
- Install and Use Compass
- What is Database, Document, Collections etc
- CRUD operation (Create, Read, Update, Delete) in MongoDB

c. Mongo DB



Import/Export data into MongoDB



Aggregation framework in MongoDB



Basics of Databases, Mongoose, Query

d. Advance



Import/Export data into MongoDB

3. PROJECTS

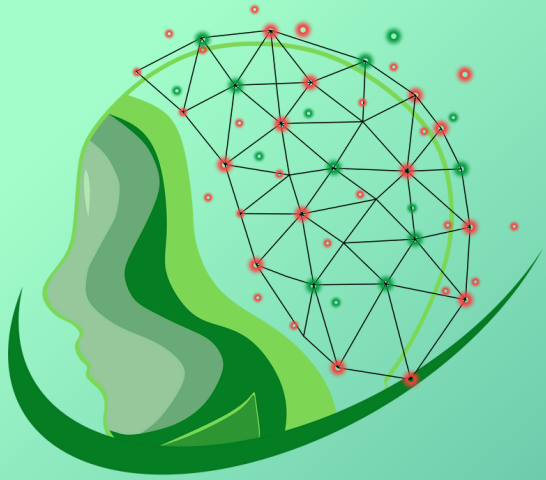
➤➤➤ **Atleast one project - Frontend + Backend**

4. DEPLOYMENTS

 **Netlify**

 **Github**

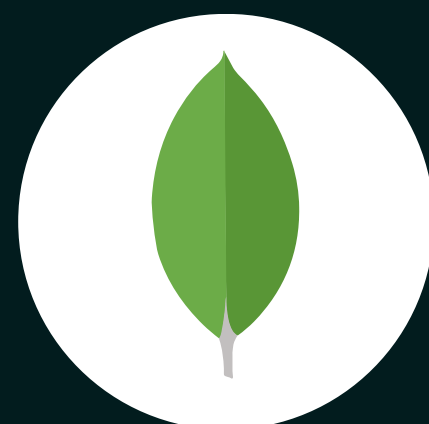
 **AWS**



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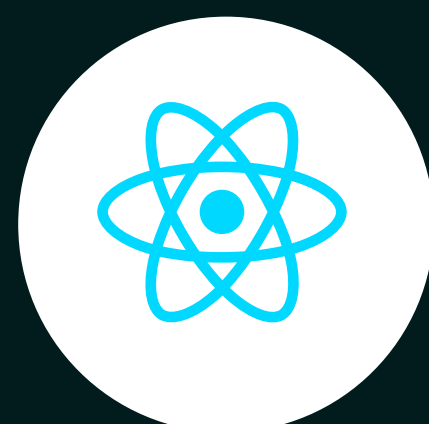
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