Harish Kumar
Full Stack(MERN) Web Developer

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WORK EXPERIENCE

Intern
Tata Consultancy Services
05/2017 - 07/2017

Tasks

- Provided maintenance and feature creation using HTML5, CSS3, JavaScript, jQuery and other client-side development processes.
- Formulated procedure for slicing and optimizing images for HTML emails using Photoshop.
- Worked with Senior Developer to enhance functionality and user experience on web pages using HTML, CSS, jQuery and JavaScript.

Intern
Gyandhan
01/2017 - 03/2017

Education Financing Platform to help students for Abroad Admissions.

Tasks

- Followed Up with different aspirants looking for a loan for higher studies.
- Successfully initiated the process for 46 new candidates from Gyandhan.
- Closely worked with the marketing team for implementing new strategies.

PORTFOLIO WEBSITE
Live ⊠

Single page fully responsive portfolio web application built on ReactJs .

Implementation

- Context API - For providing data of skills and projects to required components and state management.
- Custom hooks - For switching Themes(Dark/Light) and scrolling to the top button.
- Responsive design that adapts to different screen sizes, incorporating transitions and animations through the Framer Motion animation library.

EDUCATION

Bachelor of Technology(CSE)
Harcourt Butler Technical University
08/2014 - 05/2018   *7.2 CGPA*

Congestion control in TCP via multipath routing:

- Studied bottleneck drawback in TCP layer and analyzed ways to overcome it like multipath routing.
- Achieved congestion control using multipath routing where data packets can be sent concurrently in all paths. Multipath internetworks are fault tolerant when dynamic routing is used.

SKILLS

C++   DSA   Data Structure   React Js   Redux

JavaScript   HTML   CSS   Tailwind   Node.js

ExpressJs   mongoDB   Web API   mySQL

PERSONAL PROJECTS

MOVIEGPT(AI movie recommendation app) ⊠

- *MovieGPT provides personalized movie suggestions as per user's preference.*
- User Authentication - Implemented firebase authentication for sign-in and sign-up using Regex for login form validation.
- State Management - Redux toolkit(RTK) is used to create Redux store using userSlice, configSlice, GptSlice for organizing and maintaining the app's data(states).
- Routing - Smooth transitions and seamless navigation across the app are achieved using react-router-dom.
- Data Integration - The app connects to TMDB API for movie data and employs OpenAI APIs for a revolutionary natural language search, enabling users to find movies effortlessly.
- Skills Used - ReactJs, Redux Toolkit, CSS, Tailwind, JavaScript.

LIVE WEATHER APP ⊠

- *Single Page Live weather application which provides real-time Weather data via API.*
- Shimmer Loading UI : Shimmer UI effect has been added to elevate the visual experience while fetching data from API.
- Data Fetching: Live weather data is fetched using axios from openweathermap API.
- .env Files : Added .env files to secure sensitive API keys and configuration data, ensuring the highest level of security.
- Skills Used - ReactJs, HTML, CSS, Tailwind, JavaScript.

SPOTIFY-CLONE(Live) ⊠

- *User-friendly Spotify clone app built entirely with ReactJS.*
- User Authentication: Authenticating user via Spotify account and extracting access token from the URL, used for in-app authoriztion.
- Spotify Web API Wrapper: Integrated the 'spotify-web-api-js' wrapper to fetch data from the Spotify API, enabling dynamic content updates and real-time synchronization with the user's Spotify account.
- Context API: A separate data layer is created to store data coming from API's and respective components are using that data.
- Material UI Integration: Material UI icons are used in entire app to enhance the app's visual appeal.
- Live Demo in case spotify api changes in future.(Click here) ⊠

TOOLS

Github   Linux   VS Code   Postman   replit

Stackbliz   Command Line   MongoDBCompass