Ashwini Kumar

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Education

Birla Institute of Technology,Mesra   **Sep. 2016 – July 2020**
Bachelor of Science in Computer Science and Engineering Cgpa:6.45   *Ranchi,Jharkhand*

Relevant Coursework

- Data Structures
- Operating Systems
- Computer Networks
- Database Management

Technical Skills

Languages: C++, HTML/CSS, JavaScript, SQL
Tools: VS Code,Git,Github
Technologies/Frameworks: React,Redux,Redux Toolkit,Tailwind Css,Node.js,MongodDb,Express

Projects

Sorting Visualizer   **(Html, Css, Javascript)** (Project Link)
- Dveloped a sorting visualizer that shows the working of modern sorting algorithms on a set of data.
- Used Responsive Design methods for a better UI experience across various devices.
- Generated Chart for a set of values by creating equal width divs of height of the data set values by accessing the DOM manipulation feature using Javascript .

E-Commerce Web Application   **(Html, Css,JS,React,Node.js,Express,MongoDbAtlas,TailwindCss)** (Project Link)
- Created an e-commerce website using which replicateS a shopping site with essential features, including product listing, cart management and checkout. It also provides login,signup feature using JWT tokens .
- Used Jwt Tokens for Authentication and Authorization
- Created and implemented a menu section which contains the following actions to perform on products on display: i). Sort By Price - Ascending / Descending ii). Filter Products by Categories such as smartphones, laptops, skincare, etc. iii). Filter Products By Rating iv). Filter Products BY Price Ranges
- Applied React Router for routing and also declared protected routes for user-acess only
- Deployed the backend at Render and Database on cloud using MongoDb Atlas to maintain the services run in continuity.
- Used Responsive Design techniques to make it viewable across different devices.

Crypto Tracking Web Application**(Html, Css,JS,React,Node.js,Express,MongoDbAtlas,TailwindCss)** (Project Link)
- Created a Web application that providea users with real-time global cryptocurrencies' statistics, trending cryptocurrencies, and access to historical data for each cryptocurrency.
- Added User Authentication and Authorization using JWT Tokens.
- Used React Router for routing and declaring Protected Routes for authenticated user
- Implemented a watchlist system where logged-in users can add any cryptocurrency to it and review the changes when they login again after some time.
- Used React Chart library to display historical data of a cryptocurrency based on the selected duration(24h,7days,90days,etc
- Deployed database at Mongodb Atlas and the deployed the backend at Render.

Certification

Modern HTML, CSS	*Udemy*
Modern JavaScript with ES6	*Udemy*
Modern React Front to Back	*Udemy*