ALOK KUMAR YADAV

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Education

Dr. APJ Abdul Kalam Technical University (AKTU)   November 2021 – Present
Bachelor of Technology in Computer Science and Engineering   Ghaziabad, India

Projects

Cryptee | React-JS, Redux-ToolKit, Tailwind CSS, React-Hook-Form, React-Toast,WebSocket | GitHub
- Developed CryptBee, a responsive dummy crypto trading app with **sub-3s** load times, integrated **JWT authentication** for secure access.
- Utilized React Router DOM for seamless navigation, **Redux Toolkit** for dynamic state management, and added **Two-Factor Authentication** for enhanced security.
- **Integrated WebSocket for live chart updates every 10 seconds** and **pipeline for real-time communication**.
- Integrated **backend APIs** for efficient data transfer, streamlining communication between the **frontend and the server**, ensuring real-time updates and a seamless user experience.
- Improved UX by **15% with React-Toastify** for simulated real-time notifications.

Blogit | React-JS, AppWrite, Redux-ToolKit, Tailwind CSS React-Hook-Form | GitHub
- Developed responsive blog with React & Redux, achieving **sub-2s load times**, enhancing **user engagement by 30%**.
- Created a **scalable architecture** for peak performance, accommodating exponential traffic growth and maintaining stability during spikes.
- Improved UX **20% through Redux** for real-time interactions.
- Utilized **Appwrite as the backend**, streamlining data management and enhancing server-side capabilities.

Movies-API | Go-Lang | GitHub
- Crafted a dedicated API in Go, specializing in efficient CRUD **(Create, Read, Update, Delete)** operations for movie data.
- Engineered a versatile API in Go, leveraging **MongoDB as the backend database**, specializing in CRUD operations for movie data.
- Engineered the Movies API for rapid response times, with **sub-110ms latency**, ensuring a seamless user experience for data retrieval and manipulation.

Experience

BioMantra   October'23 – December'23
Frontend developer   Certificate
- Created the website using ReactJS, Redux Toolkit, and Tailwind CSS.
- Collaborated with cross-functional teams to gather requirements, and deliver high-quality code.
- Ensure scalable architecture for seamless operation and high performance of the website.

AcadHub
Developed a professional website for AcadHub through freelance work, leveraging HTML, CSS, and JavaScript to deliver a dynamic and visually appealing online platform.

Skills

Programming Languages : C/C++, JavaScript, Go, Python (in order of proficiency)
Development and Frameworks : ReactJS Framework, Redux ToolKit,React Hook Form, Tailwind, HTML
Database & Tools : Git/Github, Appwrite, AWS, Figma, Canva, Ubuntu

Coding Profiles

- Rated **1081 on** Codeforces and **Highest rating 1469 (2*) on** Codechef