ASFANDYAR KHAN
MERN STACK DEVELOPER

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https://github.com/AsfandG

SKILLS

Languages:	HTML, CSS, JavaScript, TypeScript, SASS.
Frameworks & Libraries:	React.js, Next.js, Redux / Redux Toolkit, Zustand, Express.js, Material UI, Shadcn UI Bootstrap, Tailwind CSS, React Hook Form, Zod, TanStack Table, Tanstack Query.
Backend:	Nodejs, Express.js
Tools:	Git & GitHub
Database:	MongoDb
Soft Skills:	Problem solving, communication, critical thinking, Team collaboration, Adaptablity.

WORK EXPERIENCE

Frontend Developer, Merik Solutions, islamabad   **Nov 2023 - Present**

- Working on a sophisticated dashboard for managing Master Air Waybills (MAWB) and House Air Waybills (HAWB) in the custom clearance process
- Implemented features to track, monitor, and manage shipment documentation and status updates efficiently..
- Enhanced user experience with intuitive UI elements and real-time data visualization.
- Integrated RESTful APIs and Nodejs endpoints to fetch and display dynamic content in real time.
- Implemented responsive design techniques to ensure compatibility across devices
- Used React Hooks (useState, useEffect, useMemo, useCallback, useRef) effectively to manage component lifecycle and optimize performance.
- Collaborated with backend teams to define API contracts and ensure smooth data integration across services.
- Created role-based access control (RBAC) in the frontend to manage permissions and display UI elements conditionally based on user roles.

Frontend Developer, Uzair Technologies, Kohat   **March 2022 - Nov 2023**

- Developed and maintained reusable React components to streamline development and ensure consistency across the application.
- Optimized performance by implementing lazy loading, memoization, and code splitting, resulting in faster load times.
- Engaged in code reviews and team collaboration to maintain high code quality
- Integrated RESTful APIs and Nodejs endpoints to fetch and display dynamic content in real time.
- mplemented state management solutions using Redux Toolkit or Context API to handle complex application states effectively.
- Integrated TanStack Table and TanStack Query for dynamic data fetching, filtering, sorting, and pagination, ensuring a seamless user experience with large datasets.
- Implemented form validation and submission flows using React Hook Form with zod schema validation for robust client-side validation and error handling.

EDUCATION

Master of computer science (MCS)   **Sep 2019 - Jan 2022**
Kohat University of Science and Technology (KUST)

- CGPA: 3.08

PROJECTS

1.Nimbus
https://nimbus-dev.azurewebsites.net/login

2.Tippie Doo
https://www.tippie-doo.com/home

3.HomePlate
https://home-plate.vercel.app/

4.Saltmines
https://saltmines-nine.vercel.app/

5.Real State App
Tech used:
React, context Api, Nodejs, express, mongodb, prisma,sass, axios, cloudinary
Frontend code: https://github.com/AsfandG/Real-state-UI
Backend code: https://github.com/AsfandG/real-state-api

6.Petvet
https://pets-asfandg.vercel.app/

7. User Management System

Tech used:
Nodejs, express, mongodb
Developed a RESTful User Management API using Node.js, Express.js, and MongoDB featuring full CRUD operations. Implemented JWT-based authentication for login and signup functionality. Integrated role-based access control (RBAC) using middleware to differentiate access for users and admins, ensuring secure and structured endpoint protection.