MUHAMMAD FAHAD ZAMAN

MERN Stack Developer

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PROFESSIONAL SUMMARY

MERN Stack Developer with hands-on experience building full-stack web applications using React.js, Node.js, Express.js, and MongoDB. Transitioned from enterprise software development to modern web technologies, bringing strong problem-solving skills and professional work experience. Proven ability to build scalable applications from concept to deployment with focus on clean code and user experience.

TECHNICAL SKILLS

Frontend: React.js, Redux Toolkit, Context API, Socket io, Tailwind CSS, Bootstrap, ShadCn, JavaScript , HTML5, CSS3

Backend: Node.js, Express.js, REST API

Databases: MongoDB, MySQL, NoSQL

Tools & Deployment: Git/GitHub, Postman, Thunder Client, VSCode, Vercel, Render, Cloudinary

Other: C++, X++, Power BI

MERN STACK PROJECTS

Paridot – Full-Stack E-Commerce Platform

Tech Stack: MongoDB, Express.js, React.js, Node.js, Tailwind CSS, JWT, Bcrypt, Nodemailer
Live Demo: Pari. | GitHub: Paridot

- Built complete e-commerce solution with product catalog, **shopping cart,** and **user authentication**

- Implemented secure **JWT-based authentication** with **password hashing** and protected routes

- Developed **RESTful APIs** for product management, user management, and order processing

- Created responsive UI with **infinite scrolling**, real-time **cart** updates, and **mobile-first design**

- Integrated **Nodemailer** to send **confirmation emails** after successful order placement

- Deployed full-stack application with frontend on **Vercel** and backend on **Render**

Synchronus-RealTimeChatApp

Tech Stack: MongoDB, Express.js, React.js, Node.js, Socket.io, RTK Query, Tailwind CSS, Shadcn/UI, Lucide-React, Lottie, Moment.js

GitHub: RealTimeChatApp

- Built a real-time one-to-one chat system with **Socket.io** for instant messaging

- Implemented secure user authentication and session management with **JWT** tokens and **cookies**

- Designed responsive UI with **Tailwind CSS** and **Shadcn/UI** components for modern, consistent styling

- Enhanced UX using **Lucide-React icons**, **Lottie animations**, and **Moment.js** for human-friendly date/time formatting

- Used **RTK Query** for efficient API caching and state management across the application

- Leveraged MongoDB aggregation pipelines to fetch and display recent conversations with last messages

TextUtils – Analyze Text

Tech Stack: React.js, Css, Bootstrap
Live Demo: TextUtils | GitHub: TextUtils

- Developed a lightweight React-based utility application that enables users to transform and analyze text efficiently

- Lightweight text utility app for transforming and analyzing text.

- Includes real-time word/character count, remove extra spaces, clear text, extract email. copy text live preview, and dark/light mode toggle.

- Includes real-time word/character count, live preview, and dark/light mode toggle.

iNotebook – Note Management Application

Tech Stack: MongoDB, Express.js, React.js, Node.js, Context API, Bootstrap
GitHub: iNotebook

- Full-stack CRUD application for note creation, editing, and deletion with real-time updates

- Implemented secure user authentication with JWT tokens and session management

- Built efficient state management using React Context API for global state

- Developed responsive interface with Bootstrap for cross-device compatibility

NewsAPI – Real time news

Tech Stack: React.js, NewsAPI, Bootstrap/CSS
Live Demo: UI only – API access restricted on deployed version- NewsApp | GitHub: NewsApp

Note: Due to NewsAPI restrictions, the deployed version does not fetch articles (works fully in local environment)
- Dynamic news platform fetching real-time headlines using NewsAPI.
- Supports infinite scroll and category-based filtering.

RTK Query – React Redux Toolkit CRUD Application

Tech Stack: React.js, Redux Toolkit (RTK Query), Tailwind CSS, MockAPI, React Router
GitHub: RTK

- Built a performant CRUD application using **Redux Toolkit with RTK Query**, enabling automatic caching, background refetching, and cache invalidation for optimal API interaction.
- Integrated RTK Query endpoints for `create, read`, `update,` and `delete` operations, ensuring predictable state updates and reduced boilerplate compared to `createAsyncThunk.`
- Implemented global search term state in Redux, combined with query parameters in RTK Query, to deliver **debounced, real-time filtering** with minimal network overhead.
- Leveraged `providesTags` and `invalidatesTags` in RTK Query to ensure fresh data without redundant fetch calls.
- Designed and styled a **reusable, responsive UI** with Tailwind CSS for consistent user experience across devices.
- Incorporated modal-based inline editing and deletion with optimistic UI updates, enhancing responsiveness and UX.

File Upload System

Tech Stack: Node.js, Express.js, MongoDB, Multer, Cloudinary,EJS, ThunderClient
GitHub: File Upload System

- Handles file uploads with Multer and stores files using Cloudinary.

- Supports multipart/form-data and enables efficient cloud-based file management.

- Designed a clean and responsive frontend using EJS

- Designed with a clean UI and tested using ThunderClient.

URL Shortener Service

Tech Stack: Node.js, Express.js, MongoDB, EJS, ShortId, TailwindCSS
GitHub: URL Shortener

- Developed a Bitly-style URL shortener that creates unique short links using ShortId.

- Stores original and shortened URLs in MongoDB and tracks redirection counts

- EJS-based frontend with real-time feedback.

Job Listing Web Application – Full-Stack Job Portal

Tech Stack: React.js, Context API, Axios, React Router, Tailwind CSS, Flask, Flask-SQLAlchemy, PostgreSQL/MySQL, Selenium (planned integration)
GitHub: Job-Listing-Web-App

- Built a full-stack job listing platform with complete CRUD functionality, enabling users to add, edit, delete, filter, and sort job postings through a responsive, modern UI.

- Utilized React Context API for centralized state management, ensuring consistent data flow and eliminating prop-drilling.

- Developed RESTful APIs with Flask and SQLAlchemy to interact with PostgreSQL/MySQL databases, enabling secure, scalable data storage.

- Designed and implemented reusable, mobile-friendly UI components with Tailwind CSS for seamless cross-device usability.

- Integrated client-side filtering and sorting for instant results without additional API calls, enhancing performance and user experience.

- Planned Selenium-based job scraping feature to automatically populate job listings from external sources.

PROFESSIONAL EXPERIENCE

Freelance MERN Stack Developer   **March 2025 – Present**

- Designed and developed full-stack web applications using React.js, Node.js, Express.js, and MongoDB
- Built responsive and user-friendly interfaces with modern UI/UX practices
- Deployed and maintained applications on cloud platforms
- Actively contributed to projects and maintained code repositories on GitHub

GuruGroup LLC, Dothan, Alabama USA   **Jan 2022 – Dec 2025**
Software Engineer (Microsoft Dynamics 365 FO)

- Developed custom business solutions and integrations for enterprise clients
- Collaborated with cross-functional teams to deliver complex software projects
- Conducted code reviews and mentored junior developers on best practices
- Gained strong foundation in enterprise software development and problem-solving

EDUCATION

Bachelor of Software Engineering (Honors)   **September 2017 - July 2021**
Institute of Management Sciences, Peshawar, Pakistan

CERTIFICATIONS & LEARNING

Web Development: Modern JavaScript, React.js, Node.js, MongoDB
Cloud Deployment: Vercel, Render, Cloudinary integration

LANGUAGES

English: Proficient | **Urdu:** Proficient | **Pashto:** Native