

TOUHEED AHMAD

Software Engineer / Full Stack Developer

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PROFILE

I'm a passionate **MERN Stack Developer** with over **3 years of hands-on experience** in building modern, scalable, and fully responsive web applications. I have successfully developed and deployed **10+ real-time projects**, demonstrating expertise in both front-end and back-end development.

My portfolio includes advanced projects such as a **WhatsApp Clone**, **Blog Application**, **Flipkart Clone**, and **Google Docs Clone**, among others — all designed with real-time functionality, optimized performance, and seamless user experience.

I specialize in using **MongoDB, Express.js, React.js, and Node.js** to create high-quality web solutions that meet client needs and industry standards. My focus is on clean code, responsive UI, and efficient APIs to deliver professional-grade applications.

EMPLOYMENT HISTORY

❖ MERN Stack Developer, Tech

With **3 years** of experience as a **Full Stack Developer**, I worked on projects at **Coding First**, focusing on seamless integration and staying abreast of emerging technologies. In my previous role at **Coding First**, I contributed to mission-critical applications, reduced project development times, and mentored junior developers. Certified as a **Full Stack Developer** by **Coding First**, I bring a passion for innovation and a commitment to excellence in every project.

❖ Front-End & Back-End Developer

- Expert in **Full Stack web development**, specializing in Front-End technologies with React.js and Back-End development using Node.js and Express.js.
- Proven record in designing visually appealing, **user-friendly websites**.
- Implementation of **e-commerce** solutions.
- Effective client collaboration to translate visions into **functional websites**.

EDUCATION

❖ The Islamia University Bahawalpur

BS (Software Engineering)

I believe that a **solid educational foundation** plays a crucial role in my professional **development** and ability to provide exceptional services to **my clients**.

❖ CodingFirst

MERN Stack Development

I pursued MERN Stack Development at “Coding First” Bahawalpur, where I gained hands-on experience and expanded my skills in modern web development. Over the past 3+ years as a Full Stack Developer, I have continuously worked on various projects, further strengthening my expertise in Full Stack Development.

Skills

- ❖ Full-Stack Web Development (MERN Stack: MongoDB, Express.js, React.js, Node.js).
- ❖ Front-End Development with React.js, Material UI.
- ❖ Back-End Development using Node.js and Express.js.
- ❖ RESTful API Development and Integration.
- ❖ Real-Time Communication with Socket.io.
- ❖ Authentication using JWT and Google OAuth.
- ❖ Database Management with MongoDB and Mongoose.
- ❖ Responsive Web Design and UI/UX Implementation.
- ❖ Routing and Navigation using React Router DOM.
- ❖ Version Control with Git and GitHub.
- ❖ Deployment on Render.
- ❖ Strong Debugging, Problem-Solving, and Clean Code Practices.

REFERENCES

♣ **Coding's First** +923006658497

<https://codingsfirst.com/>

codingsfirst@gmail.com

WORK EXPERIENCE

Here are some of the major projects I've developed, showcasing my skills in full-stack development and modern web technologies:

❖ **WhatsApp Clone Website**

The WhatsApp Clone is a fully responsive, real-time chat application developed using the MERN Stack (MongoDB, Express.js, React.js, Node.js) and Material UI for a sleek and modern interface. It enables users to log in securely with Google Authentication and engage in instant one-to-one messaging powered by Socket.io for seamless real-time communication.

Designed with a clean, modern, and responsive UI, the app ensures a smooth experience across all devices. It efficiently manages chat sessions, message synchronization, and user data with high performance and security. This project demonstrates strong expertise in real-time web technologies, authentication, responsive design, and full-stack development using the MERN ecosystem.

❖ **Blog Application Website**.....

The Blog Application is a fully responsive and dynamic web platform developed using the MERN Stack (MongoDB, Express.js, React.js, Node.js) and Material UI for a sleek and modern interface. It allows users to sign up, log in, and manage their blogs seamlessly with full CRUD functionality — including creating, editing, and deleting blog posts across various categories.

Users can add and delete comments on blogs to engage with content and discussions, while the category-based search feature enables quick and easy access to relevant posts. Designed with Material UI components, the application ensures a clean, responsive, and user-friendly experience across all devices.

This project highlights strong skills in front-end design, backend API integration, authentication, and full-stack development within the MERN ecosystem.

❖ **Flipkart Clone Website.....**

The Flipkart Clone is a fully responsive e-commerce web application developed using the MERN Stack (MongoDB, Express.js, React.js, Node.js) and Material UI for a modern and attractive interface. It replicates the core features of an online shopping platform, providing users with a seamless and realistic shopping experience.

The application includes Login and Sign-Up pages for secure user authentication, a dynamic Product Listing page displaying various products, and detailed Product Description pages. Users can add products to the cart, view their selected items, and manage their cart easily.

Designed with Material UI, the platform ensures a clean, user-friendly, and responsive design that works smoothly across all devices. This project showcases strong skills in frontend development, backend integration, authentication, and e-commerce functionality using the MERN ecosystem.

❖ **Portfolio Website.....**

The Portfolio Website is a fully responsive personal web application built using React.js and Material UI, designed to showcase professional projects and achievements with a modern, elegant interface. It utilizes React Router DOM for smooth and dynamic page navigation across different sections, including Home, About, Projects, and Resume pages.

Each section is thoughtfully structured to highlight personal details, skills, and work experience, while the Projects page displays featured works built using the MERN stack and other technologies. With a responsive layout and Material UI components, the website ensures an optimized viewing experience on all devices.

This project demonstrates strong front-end development skills in React.js, component-based design, routing, and UI/UX styling using Material UI.

❖ **Google Docs Clone Website.....**

The Google Docs Clone is a fully responsive, real-time collaborative document editor built using the MERN Stack (MongoDB, Express.js, React.js, Node.js), Material UI, and Quill.js for rich text editing with an elegant interface. It allows multiple users to edit the same document simultaneously by sharing a unique document ID, ensuring real-time synchronization through Socket.io.

When one user updates the document content using the Quill text editor, the changes are instantly reflected for all other connected users, providing a smooth and interactive collaboration experience. The application efficiently handles document storage, retrieval, and updates using MongoDB, ensuring data consistency and performance.

This project demonstrates strong expertise in real-time web technologies, collaborative editing, rich text integration, and full-stack development using the MERN ecosystem.