Muhammad Alam

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LinkedIn Github Portfolio
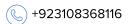
SUMMARY

Full-Stack Developer (MERN) | Next.js Specialist | AI Integration with 2+ years of experience building scalable web applications. Passionate about performance optimization and delivering seamless user experiences through clean, maintainable code.

TECHNICAL SKILLS

Frontend - HTML, CSS, Javascript, Typescript, React js, Next js, Tailwind CSS, Redux Toolkit, UI component libraries, charting libraries, animation libraries

Backend - Node js, Express js, Firebase, REST APIs

Database - MongoDB

Tools - Git, GitHub, GitLab, VS Code, Postman, Vercel

PROFESSIONAL EXPERIENCE

Frontend Web Developer, STech.ai   **June 2024 - Present**

- Developed and maintained responsive web applications using React.js, ensuring optimal performance and user experience.
- Collaborated with backend developers to integrate APIs and manage data flow efficiently.
- Implemented state management using Redux Toolkit for scalable and maintainable frontend architectures.
- Worked closely with UI/UX designers to translate wireframes into interactive, user-friendly interfaces, improving usability and engagement.

Frontend Web Developer, Da Wedding Whisper   **April 2023 - Sep 2023**

- Led front-end development for a modern wedding booking platform at a fast-paced startup
- Built responsive, visually engaging user interfaces using **HTML, CSS, JavaScript, React, Next.js, Tailwind CSS, and Material UI**
- Translated Figma-based design concepts into interactive, production-ready UI components

EDUCATION

Bachelor of Science in Software Engineering
University of Engineering and Technology (UET), Taxila   **2021 - 2025**

- CGPA: 3.74 / 4.00
- Graduated: 2025

Higher Secondary School Certificate (HSSC)
IMPC-H8, Islamabad
                                                                                                             2019 - 2021

- Obtained 94% with a score of 1033/1100

PROJECTS

Summedify: AI-Powered Media Summarizer & Translator (FYP)   [Link]

- Led a team of 3 in building Summedify, an AI-powered media summarizer and translator using the **MERN stack (Next.js, Tailwind CSS, Node.js, Express.js, MongoDB)**
- Integrated advanced AI models via FastAPI, including **OpenAI Whisper V3 (transcription), T5 (summarization), and Meta NLLB-200 (multilingual translation)**
- Achieved **94% BLEU score** for summarization accuracy, supported real-time translation in **10+** languages
- Collaborated with an AI engineer and UI/UX & documentation lead, managed **full-stack development** and technical leadership across the project lifecycle

Real-Time Chat Application   [Link]

- Built a **MERN stack** app with WebSocket for instant messaging, group chats, and real-time updates.
- Secured data with JWT authentication, optimized MongoDB queries to reduce latency by **40%**.