

Ahsan Ali

Full Stack Developer (Mern) AI Enthusiast

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Profile

Motivated AI-focused Full Stack (MERN) Developer with 1 year of hands-on experience building scalable web applications and integrating AI solutions such as chatbots and voice agents. Skilled in modern frontend and backend technologies with strong problem-solving abilities. Passionate about clean code and developing intelligent, user-focused systems.

Skills

Programming : C++, JavaScript , Python

Frontend: HTML, CSS, JavaScript, GSAP, React.js, Tailwind CSS, Material UI, Next.js

Backend: Node.js, Express.js, Next.js

Database: MongoDB, Firebase, MySQL

Tools & Technologies: Git, Github , VSCode Postman(Api test), Netlify / Vercel (deployment), Figma (UI/UX Design)

AI Tool : ChatGPT, OpenAI API, Gemini API, Scikit-learn, NumPy, Pandas

Soft Skills : Strong problem-solving abilities, Effective communication skills

Experience

AI Engineer Intern - Spiral Labs (2 month)

Worked on developing AI-powered chatbot systems and voice agents for real-world applications, focusing on creating smooth and intelligent user interactions. Integrated various AI APIs and automation tools to enhance system functionality and performance. Improved prompt design and workflow logic to increase response accuracy and reliability. Collaborated with team members to test, debug, and optimize AI-driven features for better efficiency in production environments.

Full Stack Developer - Whetstonez Technologies (2025–2026)

Developed and maintained web applications using the MERN stack and Next.js. Built RESTful APIs and responsive UI components with React.js and Tailwind CSS. Worked on client projects and integrated third-party services like Cloudinary. Collaborated via Git/GitHub and handled debugging, performance, and deployment.

Projects

[AI Voice Agent \\$ chat bot](#) : [Code](#)

I built a Voice AI Agent and chatbot using Streamlit for the user interface. It converts speech to text using Whisper and sends it to the Grok LLM for generating responses. The AI response is then converted into natural speech using the ElevenLabs API. This project enables real-time voice-based conversation with an AI system.

[RAG System & AI video-agent](#): [Video](#) :

I built a RAG-based AI system and video agent that searches YouTube for relevant content based on user queries. It retrieves and analyzes top 5 videos, then returns the most useful video links as results. The system uses Grok LLM to understand the query and select the best videos for the topic. This helps users quickly find high-quality learning content without manually searching.

[SkillReel – Social Media Web Application \(Personal Project\) \(Full stack: Nextjs , mongodb, cloudinary,nextauth\)](#): [Video](#) :

Created a modern social media platform inspired by TikTok and Instagram for sharing short videos. Built both frontend and backend from scratch using Next.js. Users can upload, watch, and interact with video content. Designed with a responsive UI and smooth user experience to meet modern web standards.

Education : BS Computer Science - University of the Punjab | CGPA: 3.15

Coursework includes Programming Fundamentals, OOP, Data Structures & Algorithms, Web Development, Database Systems, Networking, Mobile App Development, and Artificial Intelligence.

Language :

English, Urdu

