Muhammad Affan Sheikh

Full Stack Web Developer

⊙ Faisalabad   ☎ +92-310-1048485   ✉ muhammadaffansheikh21@gmail.com
🔗 https://dev-affan-portfolio.vercel.app/

Skills

Programming Languages
TypeScript, JavaScript, Python

Frameworks/Libraries
Next.Js, Tailwind CSS, React, Express, TensorFlow, Pandas, Matplotlib

Databases
MongoDB, PostgreSQL, MySQL, Firebase

Tools & Platforms
Power BI, GitHub, Git, Vercel, Postman

Certifications

Introduction to Web Development
Coursera

Linear Algebra for Machine Learning and Data Science
Coursera

GitHub Mastery Workshop
National Textile University

Interests

Sports, Cooking, Travelling, Gaming

Profiles

in **Muhammad Affan Sheikh**

⊙ **iaffansheikh21**

Summary

Full-Stack Developer focused on delivering fast, modern, and user-friendly web experiences. I build responsive front-end interfaces with Next.js, React, and Tailwind CSS, and develop robust server-side logic using Node.js and MongoDB. Always looking for opportunities to contribute to real-world projects and advance my skills in contemporary web technologies.

Experience

DS Technologies — November 2025 - Present
MERN Stack Intern — Faisalabad

- Designed and deployed fully responsive MERN stack applications with secure JWT-based authentication and role-based access control.
- Improved database performance using advanced MongoDB aggregation pipelines and handled global app state with Context API and Redux.
- Transformed Figma and UI mockups into clean, pixel-accurate interfaces using Tailwind CSS, and thoroughly validated backend routes through Postman.

FISTA Solutions — June 2024 - August 2024
Web Development Intern — Faisalabad

- Developed responsive UIs using React and Tailwind CSS, improving page performance by 20% through SSR.
- Collaborated in Agile sprints and used Git/GitHub for efficient version control.
- Gained real-world experience in PostgreSQL-based back-end APIs and full-stack development.

Education

National Textile University — November 2021 - July 2025
Software Engineering — Bachelors of Science
CGPA: 3.34

Projects

MeetScribe (AI-Powered Meeting Assistant)
Next.js, TypeScript, MongoDB, Assembly AI, Pinecone, Tailwind CSS, Cloudinary
🔗 https://meetscribe0.vercel.app

- Built an AI-based tool that records, transcribes, and summarizes meetings in real time using AssemblyAI and Pinecone vector DB.
- Integrated speaker diarization, smart summarization, and cloud-based audio storage.
- Designed a responsive UI and managed state with React hooks.

SaveBritishBusiness
Next.js, React , TypeScript, Tailwind CSS, Node.js, Express.js, MongoDB, Mongoose, Postman. Vercel
🔗 https://dstech-save-british-business.vercel.app/

- Built a full-stack Next.js platform enabling users to contact their local MPs through automated postcode lookup, pre-filled messages, and AI-assisted email generation.
- Developed secure form flows with multi-step progress tracking, dynamic topic selection, and real-time validation to ensure a seamless user experience.
- Integrated email automation that opens the user's default mail client with pre-generated content, improving accessibility and reducing friction.

Notiq
Next.js, React.js, TypeScript, Node.js, Tailwind CSS, MongoDB, OpenAI API
🔗 https://notiq-ai.vercel.app/

- Built a full-stack note-taking platform with Next.js, React.js, TypeScript, Node.js, and Tailwind CSS featuring real-time auto-save and cloud storage using MongoDB Atlas.
- Integrated OpenAI API for AI-powered writing assistance including summarization, grammar correction, and content improvement.
- Implemented secure authentication with NextAuth.js, public note sharing, rich text editing, and responsive dark/light theme UI deployed on Vercel.

NutriSnap AI
Next.js, Tailwind CSS, n8n, Vercel
🔗 https://nutri-snaps-ai.vercel.app/

- Built **NutriSnap AI**, a smart web app that analyzes meal photos using AI to instantly calculate calories, protein, carbs, and fat with confidence accuracy.
- Integrated **n8n for real-time AI workflows** and deployed the application on **Vercel** for smooth and responsive performance.

Todo App
Next.js, Node.js, MongoDB, Mongoose, JWT, Tailwind CSS, REST API, GitHub
🔗 https://github.com/iaffansheikh21/DailyFlow

- Developed a user-friendly task management system with secure authentication (JWT) and role-based access features.
- Implemented CRUD operations with real-time updates, including search, filtering, and priority-based task organization.
- Integrated password recovery flow with email-based reset functionality and detailed error handling for seamless UX.

NewsWave
Next.js, TypeScript, Tailwind CSS, News API
🔗 https://newswave-sigma.vercel.app/

- Retrieve news updates in real-time using the News API. ˆ
- Enable content sharing functionality through the Share API in Web.Dev.