



# Muhammad Affan Sheikh

Full Stack Web Developer

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## Profiles

[Muhammad Affan Sheikh](#)

[iaffansheikh21](#)

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## Summary

Creative and detail-oriented **Full-Stack Web Developer** with proven experience in building intuitive, scalable, and high-performing web applications. Skilled in leveraging **Next.js, React.js, TypeScript, and Tailwind CSS** for front-end development and **MongoDB, PostgreSQL, and MySQL** for robust back-end systems. Experienced in developing innovative real-world projects such as AI-powered productivity tools, news aggregation platforms, and e-commerce-style applications. Passionate about solving complex problems, optimizing performance, and delivering seamless user experiences through clean and maintainable code.

## Experience

**FISTA Solutions**

Web Development Intern

June 2024 - August 2024

Faisalabad

<https://www.fistasolutions.com/>

- 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**

Software Engineering

November 2021 - July 2025

Bachelor 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.

**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.

## NewsWave

Next.js, TypeScript, Tailwind CSS, News API

<https://github.com/iaffansheikh21/NewsWave>

- Retrieve news updates in real-time using the News API. ^
- Enable content sharing functionality through the Share API in [Web.Dev](#).

## CarryGo

Next.js, React.js, TypeScript, Node.js, Tailwind CSS

<https://github.com/iaffansheikh21/CarryGo>

- CarryGo is a Next.js-based classifed ads platform built with React, TypeScript, Tailwind CSS, and Node.js, featuring user authentication, ad submission, seller profiles, and a blog section

## HMS

Node.js, MySQL, Tailwind CSS, JavaScript

<https://github.com/iaffansheikh21/Hotel-Management-System>

- Built a Hotel Management System with Node.js and MySQL for efficient bookings and reservations.
- Designed a responsive frontend using HTML, Tailwind CSS, and JavaScript.

## Todo App

Python, FastAPI, Poetry, PostgreSQL, Next.JS, TypeScript, TailwindCSS

<https://github.com/iaffansheikh21/ToDoApp-FastAPI->

- Developed a To-Do app with Next.js frontend and FastAPI + PostgreSQL backend for task management.
- Implemented CRUD functionality with a responsive design for seamless use on all devices

## Skills

### Programming Languages

TypeScript, JavaScript, Python

### Frameworks/Libraries

Next.Js, Tailwind CSS, React, TensorFlow, Pandas, Matplotlib

### Databases

MySQL, Firebase, MongoDB, PostgreSQL

### Tools & Platforms

GitHub, Git, VS Code, Vercel, Postman, Power BI

## Interests

Sports, Cooking, Travelling

## Certifications

### Introduction to Web Development

Coursera

### Linear Algebra for Machine Learning and Data Science

Coursera

### GitHub Mastery Workshop

National Textile University