

Mohit Singh Songra

Age : 20 | +91 9321973799 | mohitsongra918@gmail.com | Mumbai, India

[GitHub](#) | [LinkedIn](#) |

ABOUT ME

Detail-oriented B.Tech student in Information Technology, Experienced in building AI/NLP-based applications, and scalable web platforms using modern frameworks and cloud services. Passionate about large-scale scientific computing, distributed systems, and applied AI, with hands-on experience delivering production-grade software. Seeking to contribute to advanced computing projects in a research-driven

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript

Web Technologies: HTML, Flask, Tailwind CSS, React, Next.js

Cloud & Databases: Firebase, Firestore, MongoDB, PostgreSQL

AI/ML Data: NumPy, TensorFlow, PyTorch, Scikit-learn, NLP (NLTK, TF-IDF)

Developer Tools: Git, GitHub, Docker, Figma, VS Code, Matlab

PROJECTS

AI-Driven Performance Marketing SaaS Platform | *Groq API (Llama 3), Hugging Face, Meta AdLibrary API* | **Repo**

- Developed intelligent SaaS platform for competitive ad intelligence using *generative AI*, enabling marketers to analyze competitor strategies and generate high-performing campaigns, winning recognition at GDGVITM Hackbuild 2.0
- Programmed* in *Built scalable backend with FastAPI using Universal Adapter pattern* for multi-platform data integration from Meta Ad Library API, *standardizing ad data across sources for seamless analysis*
- Designed interactive React.js frontend with *real-time competitor ad feed*, *AI strategy simulator*, and explainable AI (XAI) features to deliver actionable marketing recommendations with transparency

EcoQuest:Gamified E-Waste Platform | *Next.js, TypeScript, Firebase, Firestore, Tailwind CSS* | **Live Link** | **Repo**

- Developed a full-stack, gamified web application to promote e-waste recycling through interactive challenges and quizzes
- Implemented a secure, role-based system (*Admin/Customer*) with Firebase Authentication, *protected routes* and a comprehensive admin panel
- Designed and integrated a real-time Firestore database with security rules, enabling full (*CRUD operations*) for managing users, challenges, and quizzes
- Built responsive UI with Tailwind CSS ensuring seamless experience across devices, reducing *development time* by 40% through component reusability

Campus FAQ Chatbot | *Python, Flask, NLTK, Scikit-learn, HTML/CSS, javascript* | **Repo**

- Developed *NLP-powered* chatbot to automate campus-related queries, reducing response time by 80% using *custom-trained dataset* and intent classification
- Implemented *TF-IDF vectorization with cosine similarity algorithms* for accurate intent matching, achieving 85%+ accuracy on test queries

CERTIFICATES

- IBM – Introduction to Artificial Intelligence (AI)
- Google – AI Essentials Specialization
- JPMorgan Chase – Software Engineering Job Simulation
- Deloitte Australia – Cyber Job Simulation

EDUCATION

Vidyalankar Institute Of Technology

B.Tech in Information Technology (GPA: 8.5/10)

Mumbai, India

2023 – Present

K.M. Agarwal College

Grade XII (Entrance: 94.90 Percentile)

Kalyan, Mumbai, India

2021 – 2023