AAREB KHAN
MERN STACK DEVELOPER / ASPIRING DATA ANALYST / AI ENGINEER ENTHUSIAST

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SUMMARY

I am a Full Stack Web Developer and a second-year BTech CSE student. I enjoy creating user-friendly and visually appealing website designs. I'm skilled in HTML, CSS, JavaScript, react.js tailwind.css and have experience with MongoDB, Express.js, React.js, and Node.js. I focus on building clean, responsive, and efficient designs to provide a great user experience. I'm passionate about learning and continuously improving my skills. Started expanding my skills in Data Science and Artificial Intelligence, learning Python, NumPy, Pandas, Matplotlib, Seaborn, and SQL. I enjoy analyzing data, solving case studies, and applying data-driven approaches to practical problems.

EDUCATION

Bachelor of Technology 2024-Current
All Saints' College | Rgpv University
Present: 2nd year

Senior Secondary Education 2012-2024
All Saints' School | Gandhi Nagar Bhopal
Percentage: 75%

SKILLS

Web Development:
HTML, CSS, JavaScript, React.js, Tailwind.css, Node.js, Express.js, MongoDB, MySQL

Data Analysis :
Python, NumPy, Pandas, Matplotlib, Seaborn

Machine Learning:
Supervised Learning, Unsupervised Learning, Scikit-Learn, Pickle, Joblib

Deep Learning:
ANN, CNN, RNN, LSTM, Transformers, Tensorflow, Keras

Computer vision:
Image Classification, Object Detection, OpenCV, ResNet50, VGG16, InceptionNet, AlexNet, YOLO

Natural language processing:
BERT, BART, GPT, TF-IDF, CBOW, Word2Vec, Named Entity Recognition (NER), Text Processing, NLTK

Generative AI:
HuggingFace, Groq, Gemini

Tools & Deployment:
Git-Github, FastAPI, Streamlit, Hugging Face, Netlify, Vercel

EXPERIENCE

Software Development Intern | Ethical Intelligence
- Participated in development of an e-commerce application for a client.
- Gained hands-on experience in frontend development, working on responsive UI components and integrating APIs for dynamic data rendering.

TECH PROJECTS

Real World Projects:
- **MHS (Modern Hijab Store):** Developed and deployed a fully functional ecommerce frontend using React.js, Vite, and Tailwind CSS. Implemented product filtering, dynamic routing, and cart management using APIs. Focused on scalability, performance, and a responsive UI for real-world deployment.

EDUCATIONAL PROJECTS :
Frontend:
- **E-Commerce Website:** Link
  Built a fully responsive and easy-to-use e-commerce website using HTML, CSS, and Bootstrap.
- **Calculator:** Developed a simple and interactive calculator using HTML, CSS, JavaScript, and Bootstrap.
- **To Do List:** Created a To-Do List app where users can add, view, edit, and delete tasks, using HTML, CSS, and JavaScript.
- **IMS:** Created a simple responsive Incident Management System using React.

Data Projects:
- **Netflix Data Analysis:** Extracted insights using Pandas and Matplotlib to understand viewing trends.
- **Superstore Sales Analysis**: Analyzed sales and profit data to find performance patterns.
- **Airbnb Rental Price Prediction:** Applied regression models for predicting prices using data-driven techniques.

Artificial Intelligence Projects:
- **AI Chatbot (SHAWARMAA):** Link
  Built a Groq LLM–powered chatbot using Streamlit with session memory and custom prompts.
- **Face Recognition System**: Implemented real-time face recognition using OpenCV and LBPH with live webcam detection.
- **Face Mask Detection Application:** Link
  Developed, designed, and deployed a YOLO-based face mask detection model trained on a custom dataset using Streamlit.