Sheikh Faizan Sheikh Harun

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Skills :

- **Python & Java:** Proficient in developing efficient and scalable applications.
- **Data Structures & Algorithms:** Strong problem-solving skills with optimized solutions.
- **Development:** Experience in web development using React and building software applications.
- **Competitive Programming:** Skilled in writing fast and efficient code under constraints.
- **Database & Management Systems:** Knowledge of SQL and database design for efficient data handling.

EDUCATION :

- 2021-2025 :-   B.E in *Information Technology* from Sipna COET, with 7.78 CGPA.
- 2021 :- 12^{Th} from New High School Main College of Amravati.
- 2019 :- 10th from SHRI PREMKISHOR SIKCHI VIDYALAYA & MAHESHWARI JUNIOR COLLEGE .

Training and Certifications :

- **Python Programming:** Proficient in writing efficient and scalable code.
- **Full Stack Web Development (Sipna COET):** Completed training in front-end and back-end development.
- **Coding Competition Winner:** Achieved recognition in competitive programming contests.
- **TCS Data Visualization Internship Program:** Gained hands-on experience in data visualization techniques and tools.

Projects

1. Voice-Activated AI Assistant

This is a smart AI assistant that responds to voice commands and includes **face authentication and real-time image processing** for enhanced interaction. Users can retrieve information, automate tasks, and get answers to queries using **speech recognition, NLP (Natural Language Processing), and facial recognition**. The assistant can also process real-time images to provide relevant insights or actions based on visual inputs.

2. Stock Market Price Prediction with Data Visualization

This machine learning-based project predicts stock market prices by analyzing historical data and market trends. It utilizes **libraries like NumPy, Pandas, Scikit-learn, and TensorFlow** for data processing and model training. Additionally, **React.js** is used for interactive data visualization, allowing users to explore stock trends in an intuitive and user-friendly interface.

3. DSA Algorithm Visualizer using React

This interactive tool visually represents **Data Structures and Algorithms** to make complex concepts easier to understand. Built using **React.js**, it provides real-time animations for **sorting, searching, graph traversal, and tree operations**, helping students and programmers grasp DSA concepts effectively through a dynamic and engaging interface.

Interest and Hobbies :

- Competitive Coding
- Video Games