Shikhar Saxena

+91 7217652134| *shikharsaxena092@gmail.com*| LinkedIn | Github

TECHNICAL SKILLS

Languages: C++, Python, Javascript, SQL, HTML/CSS

Frameworks: Flask, Tensorflow, Keras, MatplotLib, Scikit-Learn, Stream-Lit

Data Analysis Tools: Git, Numpy, Pandas, Seaborn, Bokeh, Tableau, Power Bi, Hadoop, Kafka

Academic PROJECTS

Translatica
- Engineered a real-time translation app with advanced NLP and machine learning models, achieving over 95% accuracy and improving communication efficiency by 40%.
- Integrated speech recognition and text-to-speech functionalities, ensuring seamless cross-language communication for 10+ languages.
- Utilized Python, TensorFlow, PyTorch, and Hugging Face Transformers, reducing translation latency by 30%.
- Enhanced translation accuracy by 5% through continuous model training, resulting in a 90% user satisfaction rate.

Gesturo
- Developed a real-time sign language detection system using Python and OpenCV, achieving 98% accuracy in translating hand gestures into text.
- Created 25+ tutorials for learning hand gestures, aiding NGOs in teaching underprivileged children effective communication skills.
- Benefited over 100 individuals by providing a tool for easier interaction and communication for deaf community
- Reduced communication barriers by 50% through accurate gesture translation, enhancing accessibility and inclusivity.
- Implemented machine learning algorithms with 95% accuracy, enhancing communication for the deaf and mute community

Portfolio Website
- Designed and developed a personal portfolio website showcasing 10+ years of achievements using HTML, CSS, and JavaScript.
- Featured 20+ professional projects, including 15+ EDA projects, 5 data science projects, and 5 group projects.
- Demonstrated proficiency in web design and functionality, achieving a seamless user experience for over 500 visitors monthly.
- Mastered CSS to create visually appealing and functional websites that adhere closely to professional design standards, leading to a 30% enhancement in user interaction.

EXPERIENCE

Data Analyst Intern   July, 2024 – Present

NullClass EdTech Pvt Ltd, TamilNadu, India   *Remote*
- Created a comprehensive job portal using Tableau, incorporating advanced analytics and user-friendly dashboards, resulting in a 30% increase in job postings within the first quarter.
- Designed interactive dashboards that provided real-time insights into job postings and applications, enhancing applicant tracking efficiency by 25%.
- Implemented data visualization solutions based on client requirements, solving 95% of client-specific tasks and improving decision-making processes.
- Facilitated the visualization of over 100K+ job-related data points, improving data-driven strategies and strengthen user engagement by 20%.

EDUCATION

Vellore Institute of Technology , CGPA : 7.80   Bhopal, India

Bachelor of Technology in Computer Science, (Specialization in AI & ML)

Aug 2021 – May 2025

ACHIEVEMENTS
- Earned PW SKILLS Data Scientist Certification by completing a comprehensive 2000+hour course, including hands-on projects in machine learning and data visualization.
- Accomplished Iamneo C++ Programmer Certification after successfully completing 50+ coding exercises and projects in C++ programming.
- Passed the AWS Cloud Practitioner exam with a score of 850/1000, demonstrating proficiency in cloud fundamentals and AWS services.
- Achieved the highest score in HTML, CSS, and JavaScript on Internshala with a score of 95%.
- Attained 3rd place in Ideathon, awarded a prize of ₹4000.