

Saloni Mishra

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SKILLS

- **Languages:** C++, C, Python.
- **Frameworks:** Scikit-learn, TensorFlow, Py Torch, Keras.
- **Tools/Platforms:** Google Colab
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

TRAINING

Data Structure and Algorithms-GeeksforGeeks

Explored data structures like linked lists, trees, tries, and graphs in depth.

- As a result of this experience, I significantly enhanced my problem-solving skills, enabling me to tackle complex challenges effectively.

PROJECT

Face Liveness Detection

Sept'24 – Dec'24

- Implemented Face Liveness Detection to ensure that the person verifying Aadhaar is real and present during authentication.
- The system prevents fraud by detecting if someone is trying to use a photo, video, or fake representation instead of their real Face Liveness Detection – Prevents fraud by ensuring that the person verifying is real, not a static image.
- Enhances Security in e-KYC – Ensures only legitimate users can access Aadhaar-based services.
- Supports Remote Authentication – Allows users to verify their identity securely from anywhere without visiting a physical location.
- Tech: Python, NLP - TF-IDF

Building Advanced Text Summarization System

April'24 -Aug'24

- Developed a text summarization model using Neural Machine Translation (NMT) with RNNs, LSTMs, and the Attention Mechanism for improved contextual understanding.
- Implemented an encoder-decoder framework where LSTMs encode input sequences, and the decoder generates summaries with attention for better fluency and coherence.
- Preprocessed text data with tokenization, embedding, padding, and one-hot encoding to optimize model training.
- Libraries Used: NumPy, Pandas, NLTK, SpaCy, Scikit-learn

CERTIFICATES

- Complete Interview Preparation - Self-Paced (C++) by GFG. May'24
- Cyber Shiksha online training program @Quick Heal Academy. Feb'24
- Certified in Community Development: Empowered underprivileged youth through training and awareness program. Sep'23

ACHIEVEMENTS

- **Selected for Smart India Hackathon (SIH) – College Level**
Researched cases of "Fishing" fraud, where individuals use duplicate Aadhaar numbers for identity verification. Sept'24
Explored techniques such as facial recognition, liveness detection, and AI-driven anomaly detection to prevent misuse.
- 100 days of code leetcode . Jan'24

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering 7.14 2022-2026
- **Jawahar Navodaya Vidyalaya** Gopalganj, Bihar
Intermediate 75% April 2019 - March 2021
- **Kendriya Vidyalaya Siwan** Siwan, Bihar
Matriculation 85% April 2009 - March 2019