SONALI KUMARI

746-383-6081 | sonali@74880@gmail.com | https://www.linkedin.com/in/sonali-kumari-b90643251 | github.com/Sonali6081

EDUCATION

Vellore Institute Of Technology   Bhopal, Madhya Pradesh
Bachelor of Technology in Computer Science | 8.41   Sept 2022 - May 2026

DAV cantt Public School   Gaya, Bihar
XIIth Science Stream | Percentage 85.2   March 2021

Subhash Intl School   Gaya, Bihar
Xth | Percentage: 85.8   March 2019

PROJECTS

Sorting Visualizer | *React.js, JavaScript, HTML, CSS* | GitHub
- Built an interactive web application to visualize sorting algorithms for improved understanding of data structures and time complexity
- Implemented Bubble Sort, Selection Sort, Insertion Sort, and Merge Sort using React hooks and modular components
- Added dynamic controls for array size and animation speed to enhance user-driven learning
- Optimized state management to ensure smooth real-time animations and responsive UI

Myntra Clone | *HTML, CSS, JavaScript* | GitHub
- Developed a fully responsive fashion e-commerce web application compatible across mobile, tablet, and desktop devices
- Implemented dynamic shopping cart, real-time product search, and category-based filtering
- Integrated browser localStorage to persist user data across sessions without backend support
- Applied CSS Grid, Flexbox, and media queries to deliver a seamless user experience

Hate Speech Recognition System | *Python, TensorFlow, NLP, BERT* | GitHub
- Designed and implemented an end-to-end machine learning pipeline to classify hate speech in online user-generated content
- Experimented with BERT-based models alongside RNN and LSTM architectures to compare performance
- Handled class imbalance and noisy text data through preprocessing and model tuning
- Achieved strong baseline accuracy and robust generalization on real-world datasets

INTERNSHIP

Business Analytics Intern (Virtual) — Qlik | *Qlik Sense, Data Analytics*   2024
- Analyzed and transformed structured datasets to build interactive dashboards using Qlik Sense for actionable insights
- Developed an analytics project on *Road Accident and Safety in India*, identifying trends, high-risk factors, and regional patterns
- Applied data visualization and storytelling techniques to communicate insights to non-technical stakeholders
- Strengthened analytical thinking, data interpretation, and business problem-solving skills

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS
CS: DSA, OOP, OS, Networking
CloudPlatforms: AWS(EC2, S3, RDS)

CERTIFICATIONS

Cloud: AWS Academy Graduate — Cloud Foundations & Architecting
NPTEL: Cloud Computing, Marketing Analytics (IIT Kharagpur)
Google Cloud: Skill Boost Gold League (14,390 points)