

SONALI KUMARI

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Education

Vellore Institute of Technology, Bhopal

Bachelor of Technology in Computer Science (CGPA: 8.41)

Expected May 2026

Bhopal, Madhya Pradesh

DAV cantt Public School

XIIth Science Stream (Percentage: 85.2)

March 2021

Gaya, Bihar

Subhash Intl School

Xth (Percentage: 85.8)

March 2019

Gaya, Bihar

Projects

SORTING VISUALIZER | React.js, html, css, javascript

- Built a fully functional sorting visualizer that demonstrates multiple sorting algorithms including Bubble Sort, Selection Sort, Insertion Sort, and Merge Sort with real-time animated visuals.
- Integrated adjustable speed and array size controls, responsive UI, and smooth transitions using React hooks and custom CSS to enhance interactivity and user learning experience

MYNTRA-CLONE | Html, CSS, Javascript

- Developed responsive fashion e-commerce platform, compatible with mobile, tablet, and desktop devices through CSS Grid, Flexbox, and responsive breakpoints.
- Implemented dynamic shopping cart, real-time search, category filtering, and localStorage integration for persistent user data across sessions.

HATE SPEECH RECOGNITION | Python, Jupyter Notebooks, Tensorflow

- Built an end-to-end machine learning pipeline to automatically identify and classify hate speech in online user-generated content(comments and posts) to promote safer online communities.
- Achieved strong baseline performance with BERT-based models and competitive results across RNN/LSTM variants. Demonstrated robust generalization to real-world online content and effective handling of class imbalance.

Technical Skills

Programming Languages: Java, Python, MYSQL, HTML, CSS, JavaScript

Cloud Platforms: AWS(S3, EC2, RDS)

Internship

Business Analytics Intern | Qlik (Virtual Internship)

2024

- Successfully completed the Qlik Virtual Internship Program in Business Analytics, gaining hands-on experience in data visualization, data preparation, and business insights using Qlik Sense.
- Developed a comprehensive project on "Road Accident and Safety in India," demonstrating strong analytical, problem solving, and data storytelling skills. Earned a verifiable internship certificate

Certifications

NPTEL Certification in Marketing Analytics (IIT Kharagpur)

NPTEL Certification in Cloud Computing (IIT Kharagpur)

AWS Academy Graduate – AWS cloud Foundations and Cloud Architecting

Google cloud Skill Boost program – Gold League(14390points)

Languages

Hindi English