



Shreya Nalawade

✉: shreyanalawade882@gmail.com | 📞: 7499735987 | [GitHub](#)

ACADEMICS				
Qualification	Institute	Board / University	Year	% / CGPA
B.E (Computer Engineering)	VESIT, Mumbai	Mumbai University	2025	9.41/10 (3.76 GPA)
XII	Arya Gurukul International College, Mumbai	HSC	2021	96.00%
X	St. Anthony Convent High School, Mumbai	SSC	2019	94.20%
Select your UG-course type		<input checked="" type="checkbox"/> Full-Time <input type="checkbox"/> Open-School <input type="checkbox"/> Distance <input type="checkbox"/> Correspondence		
No. of active backlogs (Type NA if not applicable)		NA		

CERTIFICATIONS

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- Introduction to Big Data with Spark and Hadoop, Google Cloud Technical - Cloud Fundamentals, AWS - Cloud Practitioner (Coursera), Docker and Kubernetes (Udemy), Web Development by HTML, CSS & Javascript (John-Hopkins University), Python Data Structures (University Of Michigan), Introduction to NLP.

RESEARCH PUBLICATIONS

- TravelSage- AI Travel Assistant (Published in International Journal for Multidisciplinary Research (IJFMR) in Computer and Technology) [Research Link](#)
- EcoRestore : Intelligent Zone Identification for Reforestation using ML - [Ongoing](#)

TECHSTACK

- Programming Languages:** Java, JavaScript, Python, SQL, C++, C, Bash, Golang, Julia, R
- Web Development Frameworks:** React.js, Node.js, Express.js, Next.js, Django, Flask, Android, AI/ML Libraries
- Database Technologies:** MySQL, MongoDB, PostgreSQL, Firebase
- Cloud Platforms:** AWS, Microsoft Azure, Google Cloud
- CI/CD Tools:** Git, Docker, Kubernetes, Terraform, Jenkins
- AI/ML Techstack:** TensorFlow, PyTorch, Keras, Python, R, Julia, NLTK, spaCy, Scikit-Learn, Pandas, NumPy, OpenCV, Matplotlib, Seaborn.

PROFESSIONAL EXPERIENCE

TCR Innovations, 2023 (Full- Stack Developer) April'23 - Aug'23	<ul style="list-style-type: none">Designed and developed a robust Booking Portal using React, JavaScript, Node.js, Express.js And MongoDB, integrating Redux for state management and Axios for API handling, along with dynamic dashboards for real-time management.Enhanced UI/UX using React Tailwind CSS, React Router,Material-UI and other modern JavaScript libraries, dedicating 40% of development efforts to building responsive, interactive, and visually appealing dashboards.
House of Couton Pvt Ltd, 2024 (AI/ML Engineer) Nov'23 - April'24	<ul style="list-style-type: none">As an AI/ML Engineer, I specialize in NLP tasks such as text classification, named entity recognition (NER), and sentiment analysis using frameworks like spaCy, Hugging Face Transformers, and NLTK. I have implemented NLP models that improved text classification accuracy by 35% using transformer architectures like BERT, RoBERTa, and DistilBERT, along with fine-tuning strategies.



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	<ul style="list-style-type: none">My tech stack includes React (Redux, React Router, React Query) for frontend development, Python for NLP tasks, and Docker, TensorRT for efficient deployment.
Suvidha Foundation, 2023 (ML/NLP Intern) Sept'23 - Dec'23	<ul style="list-style-type: none">Developed an NLP-powered sentiment analysis model to assess customer reviews and feedback on e-commerce platforms. Utilized techniques such as VADER, TextBlob, and BERT for sentiment classificationIntegrated keyword extraction to identify key product features and pain points. Created interactive dashboards for visualizing sentiment trends and customer insights. Achieved improved accuracy in identifying positive, neutral, and negative reviews. Accuracy of 92%.

SOFTWARE PROJECTS

ResumeX - Smart Resume Parser with Recommendations	<p>Developed an NLP-powered resume parser that extracts key details from resumes</p> <ul style="list-style-type: none">Utilized SpaCy, NLTK, and Transformers for NER and semantic analysisImplemented TF-IDF, TextBlob and cosine similarity for skill matchingDeployed via Flask API with a React.js UIAchieved high precision in extracting resume dataImproved role recommendation accuracy by 20%
Mental Health Data Prediction Project	<ul style="list-style-type: none">Developed a predictive model for mental health risk assessment using machine learningUtilized NLP techniques to analyze text data from social media, surveys, and mental health forumsEmployed models such as Random Forest, XGBoost, and LSTM for predictionIntegrated sentiment analysis and topic modeling to identify distress patternsCreated interactive dashboards using Plotly and Dash for data visualization and insightsAchieved improved accuracy in early risk detection by 25%
AutoPhraseX	<ul style="list-style-type: none">Developed an AI-driven sentence autocompletion model using Transformer-based architectures such as GPT-2, T5, and XLNetLeveraged tokenization methods like Byte-Pair Encoding (BPE) and SentencePiece for improved text segmentationTrained the model on diverse text datasets with techniques such as masked language modeling (MLM) and next sentence prediction (NSP) to improve context awareness and accuracy.

POSITIONS OF RESPONSIBILITY

ISTE VESIT	<ul style="list-style-type: none">Jr Technical officer, organizing and conducting 15+ Technical workshops
Google WTM (Member)	<ul style="list-style-type: none">Part of Womens' Community across Asia.
KWOC'23, SWOC'23 GSSOC'23	<ul style="list-style-type: none">Frontend OpenSource Contributor and Mentor. Guided 50+ Folks.

ACADEMIC ACHIEVEMENTS

<ul style="list-style-type: none">MHT-CET : 97.3 %ileOpen-Source Contributor (Karmada, Layer5)Semi-Finalist for Tata Imagination Challenge & Flipkart Grid 5.0 (Top 5%)4X Hackathon Finalist, 2x Hackathon Runner UpTechnical writer on Dev Community250+ Leetcode, 5+ on Hackerrank, Top 10% Ranking in Global Contest.

EXTRA CURRICULAR ACTIVITIES / HACKATHONS

SIH , 2023	<ul style="list-style-type: none">Qualified for SIH Internal Hackathon
Avishkaar, 2023	<ul style="list-style-type: none">Finalist in State level Competition
Datathon , 2024	<ul style="list-style-type: none">2nd Runner up in generative AI track (National Level)