Muskan Gujar
Pune, India | muskangujar220104@gmail.com | 8779730981
Bachelor of Engineering – Electronics and Telecommunication Engineering (First Class with Distinction)
Muskan's Portfolio GitHub LinkedIn

Aspiring Artificial Intelligence professional with a Bachelor's degree in Electronics and Telecommunication Engineering from Savitribai Phule Pune University. I have hands-on experience working with machine learning and deep learning models through academic and self-driven projects, along with industry exposure as an Associate Support Engineer at NielsenIQ. My interests lie in applied AI, data-driven systems, and intelligent problem-solving, and I am seeking advanced academic training through an MSc in Artificial Intelligence to build strong theoretical foundations and practical research-oriented skills.

EXPERIENCE

NielsenIQ – Pune, India : Associate Support Engineer | July 2025 – Present
(Intern Support Engineer – NEC Program | Jan – June 2025)

- Manage BAU operations ensuring SLA compliance and minimal service disruption.
- Monitor distributed microservices and infrastructure using Datadog for real-time anomaly detection.
- Support deployment validations across Azure and Google Cloud environments.
- Gained practical experience in Azure, GCP, and microservice-based architectures.
- Contributed to process improvement by updating knowledge base and SOP documentation.

AI Research Assistant – Under Prof. S.V. Shelke, Bharati Vidyapeeth's College of Engineering for Women, Pune | May 2024 – July 2025

- Designed and implemented CNN, LSTM, and CNN-LSTM models for emotion classification research.
- Executed data preprocessing, model training, and evaluation using precision, recall, and F1-score metrics.
- Delivered complete research documentation supporting academic publications and Ph.D. work.

Zensar Technologies – Pune, India : Trainee | June – Aug 2023

- Completed training in Java, Python, and PL/SQL, focusing on backend and database development.
- Applied software engineering principles to build sample enterprise modules and APIs.

Certification Title	***Issuing Organization***	***Year***
Oracle Cloud Infrastructure AI Foundations Associate	Oracle	2025
AWS Academy Graduate – Cloud Foundations	AWS Academy	2024
Microsoft Azure Fundamentals (AZ-900)(In-Progress)	Microsoft	2026

Project Title	***Description***	***Technologies Used***
Emotion Classification (CNN & LSTM)	Built an audio-based emotion recognition system using MFCC features; compared CNN and LSTM models using accuracy and confusion matrices.	Python, TensorFlow, CNN, LSTM, MFCC
Drowsiness Detection System	Developed a real-time drowsiness detection system to monitor eye aspect ratio and trigger alerts.	Python, OpenCV, Arduino
Healthcare Chatbot	Designed an NLP-based chatbot for symptom analysis using synthetic dataset generation and intent classification.	Python, NLP, Machine Learning