Mehul Waghare

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S U M M A R Y

IT Engineering student skilled in Python, SQL, and basic Machine Learning, with hands-on experience in Django, Django REST Framework, Pandas, NumPy, TensorFlow, Keras, and OpenCV. Experienced in building web applications, APIs, and database-driven projects, with a strong interest in applying programming and automation skills to develop practical solutions and solve real-world problems.

E D U C A T I O N

DBATU UNIVERSITY
B.Tech in Information Technology
Current CGPA (up to 6th semester): 7.08/10

Higher Secondary School (HSC)
J R City College class XII
Jun 2021 - Jun 2022
Cumulative %: 71

T E C H N I C A L S K I L L S

Programming: Python, C++
Web / Framework: Django, Django REST Framework (DRF)
ML / NLP: TensorFlow / Keras, Seq2Seq, OpenCV, NLTK
Databases: SQL (MySQL, PostgreSQL)
Tools: Git, VSCode, GitHub, PyCharm, Jupyter Notebook

P R O J E C T S

1. **Face Emotion Detection for Smart Song Recommendations :**
   Developed a system that detects user emotions in real-time using CNN and OpenCV and recommends songs based on detected moods. Implemented a simple user interface to allow language and singer preference selection.

2. **Bank Management System:**
   Built with Django & DRF, featuring account management, secure transactions, SQL integration, and role-based access for customers and admins.

3. **Seq2Seq Healthcare Chatbot :**
   Built a Seq2Seq model using LSTM layers to ask follow-up questions and predict possible diseases based on symptoms.Did text preprocessing with NLP (tokenization, padding, etc.).

ACHIEVEMENTS & CERTIFICATIONS

1. IDE Bootcamp Certificate – Presented team idea and project workflow

2. Presented Poster at Inter & Intra College-level Competition

3. TechA Web Development using HTML and CSS Foundation Certification (Infosys Springboard).

4. Python foundation certificate (Infosys springboard)

TRAINING / SELF-LEARNING

Training & Self-Learning: Completed self-paced Python training with mini-projects, gaining hands-on experience in Django/DRF, SQL, Pandas/NumPy, Matplotlib, Git/GitHub, and developing skills in debugging, deployment, and problem-solving.

SOFT SKILLS

1. **Analytical & Solution-Oriented:** Skilled at breaking down complex problems and delivering practical solutions.

2. **Fast Learner & Adaptable:** Quickly grasp new technologies and contribute effectively in dynamic environments.