Sahil Kadge

Roll No.: 20

Bachelor of Technology

KJ Somaiya Institute Of Technology, Sion, Mumbai

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EDUCATION

- **Bachelor of Technology in Electronics and Telecommunication Engineering** — *2020-24*
  KJ Somaiya Institute Of Technology, Sion, Mumbai — CGPA: 9.1

- **HSC 11th and 12th** — *2018-20*
  DJ Ruparel, Mumbai — Percentage : 82

- **SSC** — *2017-18*
  Antonio De Souza High School, Mumbai — Percentage : 88

PERSONAL PROJECTS

- **ASR for Doctors(for making reports)**
  Developed a Standard ASR for template filling in medical field.
  - Fine tunned a whisper model and created dataset for model training
  - Model: https://huggingface.co/sahilkadge/whisper-small-en-sahil-kamran
  - Technology Used: Python, Pytorch, transformers, hugging-face dataset.

- **Food prediction (101 food classes)**
  A tensorflow-based machine learning model that allows users to predict food using images.
  - Use TensorFlow to create a model that can classify 101 food classes and predict the correct food class with 89 percent accuracy.
  - Technology Used: Tensorflow, python.

- **OMR Correction**
  Use OpenCV and Python for OMR sheet correction and calculating percentages.
  - Leveraging image processing techniques for OMR sheet correction .
  - Technology Used: OpenCV, Python.

- **Basketball path tracking and prediction**
  Use OpenCV and Python for tracking the projection of basketball.
  - Using OpenCV for tracking and predicting the trajectory of basketball.
  - Technology Used: OpenCV, Python.

- **Shopping website**
  Use React framework for creating a shopping website .
  - Used react.js, context API, and Redux for creating a user-friendly website .
  - Technology Used: React.js, Javascript, redux, and context API .

TECHNICAL SKILLS AND INTERESTS

Languages: Java, Python, Javascript, HTML+CSS
Libraries : Python Libraries, ReactJs, OpenCV
Web Dev Tools: Nodejs, VScode, Git, Github
Frameworks: ReactJs, TensorFlow
Databases:MongoDb, Firebase
Relevent Coursework: Data Structures & Algorithms, Object Oriented Programming, Database Management System.
Areas of Interest: Web Design and Development, Machine learning, Image Processing, Speech Recognition, NLP, GenAI.
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

CERTIFICATES

- **TensorFlow** TensorFlow developer (total 62hrs) — *By ZTM (Udemy), 2024*

- **React** Complete react development (redux, graphQL, hooks) (total 42hrs) — *By ZTM (Udemy), 2023*

- **Web Development** The complete web development bootcamp (total 62hrs) — *By Anjela Yu (Udemy), 2023*