

DEVANAND KANGANE

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Education

DY Patil College of Engineering, Akurdi, Pune
B.E. in Computer Science with Honors in Data Science

2021 - 2025
CGPA - 8.8 / 10

Secondary Education (SSC)
Percentage: 93.60%

Higher Secondary Education (HSC)
Percentage: 94%

Experience

AI/ML Intern
Drifko

May 2024 – Sep 2024
Noida (Remote)

- Developed a sophisticated RAG chatbot for using LangChain, OpenAI embeddings, and Pinecone VectorDB.
- Collaborated on 2+ live projects.
- Developed and utilized web scraping tools to extract and process data from various websites.

Technical Skills

Languages: Python, C++, HTML, CSS, SQL

Data Science: Machine Learning, & Data Analysis

Frameworks: Flask, Django, Bootstrap, FastAPI

Database: SQLite3, MySQL

Others: Data Structures & Algorithms, Git & GitHub, Postman.

Projects

Social App | Python, Django, HTML, Bootstrap CSS, SQLite3

- Created a social media platform with user authentication and profile management functionalities.
- Enabled tweet sharing functionality for external platform sharing.
- Implemented tweet recommendations by identifying similar tweets.

Melodify | Python, Flask, OpenCV, Tensorflow, HTML, CSS, JS

- Designed an emotion recognition web application using a Convolutional Neural Network to analyze user moods.
- Collected a dataset and built a song recommender system with Spotify integration.

Accident Detection | Python, Tensorflow, OpenCV, Streamlit

- Developed an accident detection system utilizing a CNN model to classify images into 'Accident' or 'No Accident' categories with 90% accuracy.
- Trained on 8000+ image dataset using TensorFlow for model creation and OpenCV for image preprocessing and real-time inference.

Achievements

Secured **First Rank** - among **50+** participants in Datathon Hackathon by **MIT ADT**.

Trainee at **Amazon ML Summer School 2023**.

Student at **Z-Inspection®**.

Solved **300+ LeetCode questions**, demonstrating strong problem-solving skills. Profile - **Devanand25**

Secured **Third Rank** - among **50+** participants in **Tech Trade Hackathon**.

CERTIFICATIONS

- ML Certification by Udemy
- DBMS by NPTEL
- Data Analysis by FCC
- Data Analysis by IBM
- Power BI
- BI and Analytics