

# Darshan Gaikwad

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## Education

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<b>MET Bhujbal Knowledge City, Nashik</b>	<i>2021 -Present</i>
Bachelor of Engineering (B.E), Computer Engineering	<b>CGPA - 8.06</b>
<b>KTHM College, Nashik</b>	<i>2019 - 2021</i>
Higher Secondary Education	<b>Percentage - 90.83</b>

## Experience

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<b>IBM Skillsbuild Summer Internship -</b>	<i>June 2024 - August 2024</i>
- Internship focusing on Data Analysis and Machine Learning.	
- Attended mentorship seminars and lectures focused on data analysis, machine learning models and implemented a project regarding same.	
- Technologies and Tools used: Python, Pandas, Numpy, Matplotlib, Seaborn.	
<b>Oasis Infobyte Internship -</b>	<i>Jan 2024 - Feb 2024</i>
- Internship focusing on Web Development and Designing.	
- My role in this internship was to perform 3 tasks viz. Creating a Landing Page, Creating a Simple Portfolio Page and Creating a Temperature Converter Website.	
- Tools and Technologies used: HTML, CSS, Javascript, VSCode.	

## Projects

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<b>Air Pollution Analyzer -</b>
- Developed a data-driven system to analyze and visualize air quality data. - Collected, processed, and analyzed air pollution data from various sources to identify trends, patterns, and correlations with environmental factors.
- Provided insights into air quality across different regions using data visualization techniques.
<b>Image Classification using CNN -</b>
- Designed and implemented a CNN architecture using Keras and TensorFlow to classify 10 distinct image categories from CIFAR-10 dataset.
- Evaluated the model using a confusion matrix, classification report, and sample prediction visualizations to analyze results and identify improvement areas.
<b>End-to-End RAG LLM app using Llamaindex and OpenAI: Indexing and Querying Multiple PDFs</b>
- <i>September 2024 - Present</i>
- Developing an end-to-end application using Llamaindex and OpenAI for indexing and querying multiple PDFs.

## Skills

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- **Programming Languages:** Python, SQL, Basic C++.
- **Tools and Frameworks:** HTML, CSS, Github, Jupyter, Google Colab, VSCode, Numpy, Pandas, Matplotlib, Seaborn, TensorFlow, Keras.
- **CS Fundamentals:** Basic OOP, DBMS, DSA.

## Certifications

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- **IBM Data Analytics Certificate** – IBM Skillsbuild, 2024
- **Symbiosis Machine Learning Engineer Certificate** – Symbiosis Skills & Professional University, 2024
- **Introduction to Tools and Techniques of Data Science** - IBM, 2024

## Achievements

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- **Secretary, Students' Association of Computer, MET IOE** *2024 - Present*
- **Treasurer, Students' Association of Computer, MET IOE** *2023 - 2024*