Shivam Bhagat

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Education

Manav Rachna University (Faridabad,Haryana) **September 2021 – Jul 2025**
Bachelor of Technology in Computer Science *cgpa:8.02*

Relevant Coursework

- SQL
- Python
- MS Excel
- Power BI
- Machine Learning
- Artificial Intelligence
- Pandas
- MongoDB

Experience

Xebia **June 2024 – July 2024**
Machine Learning Intern *Gurugram, Haryana*

- Mastered the fundamentals of clustering algorithms and their visualization in machine learning.
- Built an interactive website using Streamlit for clustering images with similar facial features.

ThirdEye AI (A JBM Group Company) **June 2024 – March 2025**
Software Developer Intern *Gurugram,Haryana*

- Established data loading and storage using InfluxDB for real-time analysis of diverse datasets, including electricity related data.
- Leveraged InfluxDB's time series database capabilities to execute complex queries and generate actionable insights from live data feeds.
- Managing and processing time-series data generated by an **MQTT** server.Analyzed and visualized machine activity using InfluxDB to gain insights and optimize performance. Monitored machine progress and activities for operational efficiency.

Projects

Peach Disease Classification | *Python, VGG16, Deep Learning* **May 2023**

- Designed and implemented a Python machine learning model **Peach Leaf Disease Classfication** using Streamlit that precisely diagnoses peach leaf diseases allowing farmers to detect plant health problems early and minimize crop losses.
- Presented a paper titled "Deep learning framework pertaining to peach leaf disease classification" at the ICAAAIML-2023 conference in December 2023

Image Classification | *Python, Auto-Encoders, Deep Learning* **June 2024**

- Developed a machine learning model to cluster images based on their similar features.
- Published a paper in IEEE and presented it at ICDICI 2024 in Tamil Nadu.

Detection of Breast Cancer from Thermal Images | *Python, Deep Learning, Computer Vision* **December 2024**

- Implemented a deep learning model **Breast Cancer Prediction**that identifies breast cancer through advanced image segmentation techniques, enabling more accurate and earlier detection.
- Created a hybrid model and achieved an accuracy of 99.7%.

Technical Skills

- **Languages**: Python, SQL, Java
- **Developer Tools**: VS Code, Power BI, MySQL, Eclipse, MongoDBCompass, Docker
- **Core Competencies** : Data Structures and Algorithms, Operating Systems, Object-Oriented Programming, Database Management System
- **Areas of Interest**: Data Analytics, Data Science and Machine Learning

Roles and Responsibilities

ROBOTICS AND AUTOMATION SOCIETY **Aug 2024-Present**
Chairperson *IEEE MRU, Faridabad*

AWARDS COORDINATOR,HackMor **July 2024-October 2024**
MRU, Faridabad