Aakash Vispute

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PROFILE SUMMARY

AI and Data Science professional with hands-on experience in machine learning, data analytics and software development. Proficient in Python, SQL, and data visualization tools, with understanding of statistical analysis and Generative AI concepts. Working at Tech Mahindra, contributing to data management and automation in enterprise level projects.

SKILLS

Programming Languages : Python, SQL, C/C++, HTML, CSS, JavaScript
Tools : PyCharm, Jupyter Notebook, MySQL, VS Code, GitHub, Power BI, Excel
Frameworks : Django, Pandas, Numpy, OpenCV, Scikit-Learn, Matplotlib, Seaborn
Soft Skills : Problem-Solving, Teamwork, Communication, Adaptability, Work Ethics
Fundamentals : AI, Data Science, Machine Learning, NLP, Gen AI, Statistics, DBMS, OOP, DSA

EDUCATION

Bachelor of Engineering in Artificial Intelligence and Data Science   **Aug 2020 - Jun 2024**
SNJB College of Engineering, Nashik (CGPA : 8.48)

EXPERIENCE

Tech Mahindra   **April 2025 – Present**
Technical Associate   Pune
- Contributed to a UK-based telecom infrastructure project by managing structured data in **Piper application** with a focus on **digital asset management**, **data accuracy**, and contributing to **network operations**.
- Collaborated across teams to maintain **technical records** and gained hands-on experience with **data annotation**, **automation tools** and exposure to **enterprise level telecom** and **large scale IT systems**.

Infotact Solutions   **Jan 2025 - March 2025**
Data Analytics Intern (Remote)
- Completed **training** with weekly project reviews and mentorship. Built real-world **analytics projects** using **Python**, **SQL** and **Tableau**. Gained hands-on experience in **data visualization** and **reporting.**

Linkcode Technologies   **July 2024 - Dec 2024**
Data Science Training and Internship   Pune
- Gained practical experience through hands-on projects in **Python**, **SQL**, **Gen AI**, **Machine Learning** and **DSA**. Worked on real-world datasets to perform **data preprocessing**, **analysis** and **model building.**

PROJECTS

Innovative Fruit Culling System | Python, TensorFlow, OpenCV, CNN, Machine Learning   **March 2024**
- Developed an **automated fruit culling system** using deep learning and image processing to classify fruits, detect defects and ensure real-time quality control.
- Implemented **Convolutional Neural Networks** to analyze fruit images in real time with accuracy of **95%**.
- Integrated **Raspberry Pi, Logitech Camera, computer vision** and pattern recognition for real-time fruit sorting, reducing manual errors and improving productivity.

Student ERP System | Python, Django, HTML, CSS, JavaScript, MySQL   **March 2025**
- Developed a **web-based ERP portal** with **role-based access** for Admin, Faculty and Students to manage student records, attendance, grades, staff and leave applications, designed dashboards using **Django** and **integrated MySQL** for efficient data handling.

ACHIEVEMENTS/CERTIFICATIONS

- **Generative AI Job Simulation** by **BCG** (March 2025)
- **Data Analytics and Visualization** by **Accenture** (Jan 2025)
- **Machine Learning** by **NPTEL**, **IIT Kharagpur** (Sep 2023)