

KHUSHI KASLIWAL

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SUMMARY

Passionate **AI and Data Science enthusiast** with a strong foundation in Machine Learning, Artificial Intelligence, and data analytics. Experienced in building real-world applications involving **computer vision, backend APIs, and intelligent data processing systems** using Python. Eager to build a career in **Data Science and AI**, leveraging data-driven insights and machine learning models to develop impactful solutions.

EDUCATION

Walchand Institute of Technology, Solapur	Sept 2022 – May 2026
Bachelor of Technology in Electronics and Telecommunication Engineering	CGPA: 9.05
Bachelor of Technology (Hons) in Artificial Intelligence and Machine Learning	CGPA: 8.90

EXPERIENCE

- Arinova Studio | AI Engineer Intern** Nov 2025 – April 2026
- Contributing to development of **AI-driven backend systems** for real-world product applications using **Python and FastAPI**.
 - Implementing **secure authentication workflows** and backend services for AI-based identity verification systems.
 - Designing and testing **REST APIs** to support scalable system communication and data processing.
 - Developing **data extraction pipelines** to collect and structure web data for further analysis.
 - Collaborating on **system architecture, API documentation, and deployment workflows** within the development team.
- Esther Analytical Data Systems Pvt Ltd | Data Science Intern** Feb 2025 - April 2025
- Built a **real-time BI analytics solution** for ICC Cricket data to track and visualize live match metrics.
 - Designed and deployed **interactive Power BI dashboards**, optimizing SQL queries for faster ETL pipelines.
 - Improved query efficiency and implemented **data modeling** techniques for better visualization performance.

PROJECTS

- AI-Based Web Scraping Application**
- Built an AI-powered web scraping system using **Python, FastAPI/Flask, BeautifulSoup, and Requests** to automatically collect and process structured data from multiple web sources.
 - Developed scalable **backend APIs** to manage **data extraction, processing, and delivery** through a web-based interface.
 - Deployed the application on a **Virtual Private Server (VPS)**, enabling reliable and secure access to the scraping and data processing system.
- Face Authentication System**
- Engineered a real-time biometric face authentication system using **Python, OpenCV, and InsightFace**, enabling secure identity verification through facial embeddings.
 - Implemented **liveness detection** and **ArcFace-based recognition** to prevent spoofing from static images or recorded videos.
 - Developed **FastAPI-based authentication APIs** integrated with **FAISS vector database** for efficient similarity matching and secure user authentication.
- Carbon Footprint Analyzer using AI**
- Designing a **Python-based system** to **track and analyze** carbon emissions using user inputs and energy consumption data.
 - Implementing **machine learning** models to predict future emissions and identify areas with high carbon output.
 - Creating dynamic **Power BI dashboards** to visualize emission trends, compare departments and display **real-time sustainability alerts**.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
- **Frameworks and Libraries:** FastAPI, Pandas, NumPy, Scikit-learn, OpenCV
- **Tools and Platforms:** PowerBI, GitHub, Google Colab, MS Excel
- **Data Skills:** Data Cleaning, Data Analysis, Model Evaluation
- **Operating System:** Windows, Linux

CERTIFICATIONS

- **Data Science and Machine Learning Summer Analytics 2025** | IIT Guwahati [1]
- **GenAI Intensive Course** | Google, Kaggle [2]
- **Forward Program Certification** – McKinsey & Company [3]