AKASH SHINDE

AI & Data Science Student

Aspiring Artificial Intelligence and Data Science professional with hands-on experience in real-time machine learning projects and Android & Web projects. Skilled in JAVA, Python, ML, and AI seeking to leverage my technical expertise in an internship to solve challenging problems.

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https://akashshinde0775.github.io/my-portfolio/

TECHNICAL SKILLS

- **Programming:** Python, Java, R, SQL
- **AI Technologies:** Machine Learning, Deep Learning, YOLO, OpenCV, Numpy, Pandas, PyTorch, TensorFlow, Scikit-learn.
- **Databases:** MySQL, MongoDB
- **Tools:** Jupyter Notebook, Pycharm, Google Colab, Visual Studio Code, RoboFlow

EDUCATION

- B.Tech | Artificial Intelligence & Data Science | DBATU, Lonere | (2023 – Present) | **CGPA: 7.72**
- Diploma | Computer Science | MSBTE, Mumbai | (2020 – 2023) | **82.46%**
- SSC | Shri Malikarjun High School | Solapur | (2019 – 2020) | **82.40%**

EXPERIENCE

- **Solapur Municipal Corporation (SMC)** — *Project Contributor* | *July 2025 – Oct 2025.*
  - Collaborating with **SMC** on a **real-time GPS-based sweeper tracking system (NagarShuddhi)** integrating geo-fenced attendance, face recognition, and jacket detection to ensure transparency and prevent proxy attendance.
  - Developed **mobile and web dashboards** for live route monitoring, automated attendance reporting, and performance analytics to enhance operational efficiency and city cleanliness management.

ACADEMIC PROJECTS

- **AI-Based Surveillance for Exam Integrity Using Machine Learning.**
  - Built a real-time system to detect and alert abnormal exam behaviours (device usage, head movements, gestures) with **85.34% accuracy**.
  - Published in 4th International Conference on Sentiment Analysis and Deep Learning (ICSADL).

- **Vehicle Movement Analysis & License Plate Recognition Using Computer Vision.**
  - Developed a real-time system to detect, track, and analyze campus vehicle movement with **automatic license plate recognition**.

- **College Feedback Management System Using Web Development.**
  - Developed a full-stack College Feedback Management System enabling students to submit feedback online and administrators to analyze responses for quality improvement and decision-making.

- **E-Shark Platform Using Web Development.**
  - Designed and implemented an E-Shark web platform that enables startups to pitch ideas to investors for funding and mentorship, fostering collaboration and business growth.

PUBLICATION & RESEARCH

Title: AI-Based Surveillance for Exam Integrity: Real-Time Detection of Abnormal Student Behavior.
Published in: 4th International Conference on Sentiment Analysis and Deep Learning (ICSADL)
Publication Year: 2025
Summary: Developed an AI-powered real-time exam surveillance system using YOLOv8 for detecting abnormal student behavior. The model enhances academic integrity by identifying suspicious activities such as unauthorized device usage and head movements, improving monitoring efficiency in exam halls.

CERTIFICATES

- **Machine Learning A-Z: AI, Python and R** | Udemy | **(***April 26, 2024)*
- **Career Essentials in Generative AI by Microsoft and LinkedIn** | LinkedIn Learning | *(December 2, 2024)*
- **AI-Based Surveillance for Exam Integrity: Real-Time Detection of Abnormal Student Behavior** | ICSADL (4th International Conference) | *(February 15, 2025)*
- **Fundamentals Of Deep Learning** | Nvidia | *(June 1, 2025)*