AKASH SHINDE

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PROFESSIONAL SUMMARY

Aspiring Artificial Intelligence and Data Science professional with hands-on experience in real-time machine learning projects and web development. Skilled in JAVA, Python, OpenCV, and YOLO, seeking to leverage my technical expertise in an internship to solve challenging problems.

TECHNICAL SKILLS

- **Programming:** Python, Java, R, SQL
- **AI/ML:** YOLO, OpenCV, RoboFlow, Numpy, Pandas
- **Web Development:** HTML, CSS, JavaScript, Bootstrap
- **Databases:** MySQL, MongoDB
- **Tools:** Jupyter Notebook, Pycharm, Google Colab, VisualStudio Code

EDUCATION

Sr. No	Degree	Institute Name	Location	Duration	Marks/Grade
1.	B.Tech in Artificial Intelligence & Data Science	Dr. Babasaheb Ambedkar Technological University	Lonere, Maharashtra, India	2023-Present	-
2.	Diploma in Computer Science	Maharashtra State Board of Technical Education (MSBTE)	Mumbai, Maharashtra, India	2020-2023	82.46%

EXPERIENCE

- **Mobile Application Development**
  Dream Technology | *July 4, 2022 – August 14, 2022*
  - Designed and developed mobile application using **Android Studio**, **Java**, and **Kotlin**.
  - Created responsive user interfaces using **XML** for UI design.
  - Gained hands-on experience in **application design**, **testing**, and **debugging**.

- **Web Application Development**
  Dream Technology | *August 2022 – September 2022*
  - Acquired knowledge in building responsive websites using **HTML**, **CSS**, **JavaScript**, and **Bootstrap**.
  - Learned to deploy web application on various **hosting platforms.**
  - Enhanced skills in **front-end development** and **web deployment techniques.**

ACADEMIC PROJECTS

- **Student Abnormal Behavior Detection in Examination Hall Using Machine Learning**
  - Built a real-time monitoring system to detect and alert abnormal behavior during examination, such as unauthorized device usage, suspicious head movements, and hand gesture.
  - Delivered immediate feedback to invigilators, enhancing security and integrity in examination halls.
  - **Technologies Used:** Python, OpenCV, RoboFlow, YOLOv8.

- **E-Shark Platform Using Web Development**

  - Developed a web-based platform enabling startups to pitch their ideas to multiple investors for funding and mentorship.

  - Designed features to support business presentations and facilitates connections between entrepreneurs and investors to promote business growth.

  - **Technology Used**: HTML, CSS, JavaScript, Bootstrap, PHP, MySQL, XAMPP.

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)*
- **Carrer 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)*