KRANTIKUMAR DILIP PATIL

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Profile in brief

- An enthusiastic student with a solid foundation in Artificial Intelligence and Data Science.
- Experienced in developing machine learning models and data-driven solutions through academic projects.
- Skilled in data analysis, database management, and software development with a keen interest in applying technology to solve real-world problems.

Technical Skills

- Python Programming
- Data Structures
- *Libraries*: Pandas, Matplotlib, Seaborn, scikit-learn.
- *Coursework*: DAA, OS.

- C, CPP Programming
- Supervised – Unsupervised Machine Learning

- SQL Databases
- AWS Cloud Foundations

Professional Experience

AI-ML Virtual Internship: India Edu Program(AICTE)   **Duration: 2 Months**

- Supported database management tasks, including data entry, organization, and maintenance.
- Implemented Random Forest algorithms to improve data classification accuracy by 25%, enhancing model reliability for strategic decision-making.

AI Intern: Y-Hills EDUTECH   **Duration: 1 Months**

- Leveraged NumPy and pandas for efficient data manipulation and reducing data processing time by 25% and improving decision-making accuracy.
- Gained hands-on experience in AI-driven data analysis under the guidance of industry mentors, enhancing practical

Education

Education	Institute	University	Grade	Passing Year
B. Tech: Artificial Intelligence and Data Science	Annasaheb Dange College of Engineering and Technology, Ashta, Sangli, Maharashtra	Shivaji University, Kolhapur	7.42CPI (up to 7th Sem.)	2025
HSC (PCM)	Warana Vidyaniketan & Aabasaheb Jr College Of Science,nave Pargaon, Kolhapur	Shivaji University, Kolhapur	89.83 %	2021
SSC	M J P HIGHSCHOOL & JR. COLLEGE Belawale Budruk, Kolhapur	Shivaji University, Kolhapur	82.60%	2019

Projects

CROP RECOMMENDATION SYSTEM USING MACHINE LEARNING

- TECH STACK: Python, Scikit-learn, Pandas, Matplotlib, Random Forest, SVM.
- Developed a machine learning-based system to recommend profitable crops by analyzing environmental factors and historical data with models like Random Forest and SVM.
- Achieved 25% improved prediction accuracy and 95% reliability, processing 10,000+ records to optimize decision-making and reduce prediction errors by 20%

Certifications

- AI For Everyone: DeepLearning.AI
- Data Scientist with Python: DataCamp

- AWS Academy Graduate - AWS Academy Cloud Foundations

Academic and Extra-Curricular Achievements

- **Led the department sports team** for 2 years, organizing events and fostering teamwork. Developed strong **leadership** and **communication skills** through collaboration with faculty and students.