Nirmit Kasodariya

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LinkedIn | **GitHub** | **Portfolio**

EDUCATION

Bachelor of Technology in Artificial Intelligence And Data Science   2022 to 2026
K J Somaiya Institute of Technology, Mumbai
SSC ST. Lawrence High School, Borivali   2008 to 2020
10th Boards percentage- 91.60%

WORK EXPERIENCE

Flutter Intern   K J Somaiya Institute of Technology, Mumbai   Oct 2023 – Nov 2023
- Developed Full fledged android apps using flutter and firebase.
- Collaborated with peers in build in house projects focusing on real time database integration.
- Implemented UI/UX best practices and ensured cross platform compatibility.

AI/ML Intern   K J Somaiya Institute of Technology, Mumbai   Jun 3 – Jun 30, 2024
- Applied machine learning algorithms on real world datasets.
- Built a sentiment analysis system using Power BI and MindsDB.
- Worked on data preprocessing, model training and evaluation.

Data Science Intern   Codsoft IT services, Mumbai   Nov 25 – Dec 25, 2024
- Created ML models for projects like Iris Flower Classification, SalesForecasting and Movie Rating Prediction.
- Used regressing and classification techniques, handles data wrangling and visualization.

PROJECTS

Student Performance Prediction: Built a machine learning model to predict student performance using features like CGPA, attendance, and test scores. Achieved over 85% accuracy using Decision Tree, helping identify at-risk students for early intervention.. Github

Sales Prediction: Sales prediction involved forecasting the amount of a product that customers will purchase, taking into account various factors such as advertising expenditure, target audience segmentation, and advertising platform selection. Github

Yield Prediction: Developed a machine learning model to predict agricultural crop yield based on factors such as soil type, temperature, rainfall, and fertilizer usage. Utilized regression algorithms and data preprocessing techniques to enhance prediction accuracy. Integrated the model into a user-friendly interface for practical usability by farmers and stakeholders. Github

Plant Disease identification: Built a deep learning-based image classification model to detect and identify plant diseases from leaf images. Employed Convolutional Neural Networks (CNN) for accurate disease recognition, achieving high classification accuracy. Enabled early disease diagnosis to support precision agriculture practices. Github

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TECHNICAL SKILLS

Languages & Frameworks: Python, C programming, Flutter, R, Dart.
Databases: Firebase, MySQL
Tools: Jupyter, Git, CAD, Power BI, Hadoop.
Soft Skills: Project Management, Team Collaboration

CERTIFICATIONS

Python Training: LinkedIn
Supervised Machine Learning: Regression and Classification: LinkedIn

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EXTRACURRICULAR ACTIVITIES

Organising member, Student's Council, KJSIT
- Managed multiple events and helped conduct the cultural and sports fest for my college.

Digital Cinematography Member, Society for Data Science, KJSIT
- Contributed to my team for conducting and organising a 36 hours offline hackathon.