

# KRISHNA KOKATE

## Software Engineer

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## CAREER SUMMARY:

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Highly motivated and aspiring Data Scientist with a solid foundation in Python, machine learning, and data analysis. Passionate about leveraging data-driven insights to develop intelligent solutions that push the boundaries of technology. Possessing a strong aptitude for problem-solving and a dedication to continuous learning, I am eager to contribute my skills and enthusiasm to drive innovation in the field of data science.

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## RELEVANT PROJECTS:

### Active Object detection to increase perceptual capacity of a robotics system using reinforcement learning

This project integrates YOLOv8 with reinforcement learning for improved object detection and dynamic path planning in robotics. It enhances real-time decision-making, contributing to the development of autonomous systems with advanced accuracy and performance in diverse applications.

### Fall detection using hog feature extraction and adaptive boosting technique.

Published a research paper on "Fall detection using hog feature extraction and adaptive boosting technique" at IEEE conference 2023. In that we designed an innovative fall detection system utilizing Kaggle's dataset and integrating Histogram of Oriented Gradients (HOG) for feature extraction. Investigated Logistic Regression, KNN, and Decision Tree algorithms, while implementing Adaboosting for ensemble learning.

## WORK EXPERIENCE:

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### Fuel NGO

Web Developer | 1 June, 2023 - 31 July, 2023

- Built a pharmacy management website to help out the medical stores.
- Integrated an order system and billing software to streamline access for both customers and owners, ensuring a seamless experience for all parties involved.

### Krishigati pvt ltd

Trainee Engineer | 05 August, 2023 - 27 November, 2023

- Experienced invaluable insights into EV technology.
- Explored about the charging infrastructure.

## EDUCATION:

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2020 - 2024 | MIT Academy Of Engineering

Bachelor of Technology - Electronics and Telecommunication Engineering

## SKILLS:

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| • Python           | • Google Workspace |
| • Machine Learning | • Electronics      |
| • SQL              | • Robotics         |
| • Microsoft Office | • PCB Designing    |