

A.Kadir

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SUMMARY

Data Scientist with a Bachelor's degree in Artificial Intelligence and Data Science from Panimalar Engineering College. Equipped with hands-on experience from various internships in Data Science and AI, and a solid foundation in Python, machine learning, and data analytics. Demonstrated ability to build predictive models and derive actionable insights from data. Achieved notable success in hackathons and ideathons, including developing a real-time object detection system using YOLO and presenting innovative solutions in a competitive setting. Certified in data science by IBM and Oracle.

SKILLS & QUALIFICATIONS

- **Programming Languages:** Python, SQL
- **Data Science & AI:** Data Analysis, Machine Learning, Natural Language Processing (NLP), Data Visualization, Predictive Modelling.
- **Tools & Technologies:** Power BI, Pandas, NumPy, DBMS, Flask.
- **Algorithms:** Regression Techniques, Classification Algorithms, Model Prediction
- **Web Development:** Frontend (HTML, CSS, JS), Backend (Flask)

PROFESSIONAL EXPERIENCE

Data Science Intern | Python | Codsoft | Jun 2024 - Jul 2024

- Worked on various data science projects, applying machine learning algorithms and data analysis techniques.
- Built a Titanic Survival Prediction Model using classification algorithms with an accuracy of 85%.
- Implemented regression techniques to forecast sales using historical data with an accuracy of 95%.
- Created a Movie Rating Prediction Model to enhance user experience, achieving an accuracy of 90%.

Artificial Intelligence and Machine Learning Intern | Python | Kodacy | May 2024 - Jun 2024

- Gained hands-on experience in developing AI models and applying machine learning concepts.
- Worked closely with a team to conceptualize, develop, and implement AI models.
- Contributed to the development of machine learning concepts by testing and iteratively improving model performance.

Data Science Intern | Python | CodeClause | Jul 2024 - Aug 2024 | Remote

- Worked on diverse data science projects, applying machine learning algorithms and data analysis techniques.
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TECHNICAL PROJECT EXPERIENCE

NLP Voice Assistant

- Created a unique voice assistant that understands user feelings when they speak.
- Developed a unique method to provide personalized advice based on user sentiment.
- Pioneered a sentiment analysis model with an accuracy of over 93.41%.

IPL Match Winning Prediction

- Developed a web application using Flask to predict IPL cricket match outcomes.
- Utilized a trained machine learning model to provide accurate match predictions.
- Designed an interactive user interface with HTML and CSS for user inputs and displaying results.

Web Application (MLOps)

- Collected and parsed data manually for sentiment analysis.
- Built Natural Language Processing Sentiment analysis model with Accuracy: 93.41%.

Object Detection in video

- Developed an object detection model using the YOLO (You Only Look Once) architecture to recognize specific objects in video feed.
- designed a web interface for model deployment and incorporated MLOps practices for seamless automation.
- Collected and preprocessed image data from Kaggle, implemented the YOLO model for efficient real-time object detection.

Certification

- Generative AI – Oracle
- Data Analysis with Python - IBM
- Data Science for Beginners – NASSCOM
- Python for Data Science and Machine Learning Bootcamp – Udemy
- Master Course in Data Science and Business Analytics – Udemy
- Python – GUVI

Events

National Level Hackathon

Sri Sai Ram Engineering College | Chennai, India | September 2024

➤ **Project: Object Detection in video**

- Developed a deep learning model using the YOLO architecture to perform object detection in real-time from video feeds.
- Successfully created a user interface for seamless interaction, with the output displayed perfectly.
- **Achievement:** Demonstrated a fully functional application, receiving positive feedback for its accuracy and UI design.

EDUCATION

- Bachelor of Technology in Artificial Intelligence and Data Science -CGPA: 8.1
PANIMALAR ENGINEERING COLLEGE, India, TN
- Higher Secondary Major in Mathematics and Biology - GPA: 62%
VAILANKANNI MATRIC HIGHER SECONDARY SCHOOL, India, TN
- SSLC, Major in Mathematics and Biology - Attained 98.1% in Class X, Tamil Nadu Board.
VAILANKANNI MATRIC HIGHER SECONDARY SCHOOL, India, TN

EXTRA-CURRICULAR ACTIVITIES

- **Sports:** Cricket, chess, Carrom, badminton.
- **Hobbies:** Traveling.