KRISHIKA R

Artificial Intelligence and Machine Learning Engineer

krishikaravik@gmail.com | +91 9385726369 | Pollachi, Coimbatore

linkedin
www.linkedin.com/in/krishikaravikumar

Github
https://github.com/in/krishikaravikumar

Leetcode
https://leetcode.com/u/KrishikaR/

Medium
https://medium.com/@krishikaravik

SUMMARY

A results-driven Software Engineer with expertise in AI, ML , and Backend Development. Proficient in Python, C, and JavaScript, with experience in cloud computing and scalable architectures. Developed AI-driven solutions for image classification and sales prediction. Passionate about optimization, problem-solving and innovation.

EDUCATION

Dr. Mahalingam college of Engineering and technology, Pollachi — **2022 - 2026**

B.E Computer Science (Artificial intelligence & Machine Learning) - CGPA : 9.21

Mariammal girls higher secondary school, Pollachi

HSS - 89% — **MAY 2022**

SSLC - 85% — **MARCH 2020**

SKILLS:

- Java
- Python
- C
- Data Structure And Algorithm
- DBMS
- Machine Learning & Deep learning
- HTML, CSS, Java Script
- Dedication
- Problem-Solving: Root Cause Analysis.
- Adaptability
- Critical Thinking
- Communication
- Teamwork
- Time management

INTERNSHIP

Frenzo, Coimbatore [Python and Web development intern] — **[JUN 2024 - JUL 2024]**

- Cooperate with Designers and Developers to create clean interfaces. Complete detailed programming and development tasks for front-end.
- Develop cross-browser, cross-device compatible interfaces ensuring a consistent user experience across platforms.

PROJECT

Pose Detection For Exercise **[MAR 2024 - MAY 2024]**

- Developed a Web based pose detection system for exercise tracking using MediaPipe, enabling real-time analysis and feedback of body movements to ensure proper form.
- System for exercise that uses mediapipe to analyze and provide feedback on users' form during workouts.
- The system identifies key body positions and movements, ensuring proper technique and reducing the risk of injury.

Sales Prediction **[JAN 2024]**

- Sales prediction model using machine learning techniques and web technologies to forecast future sales trends.
- Utilized data and regression models to provide accurate and actionable insights for business decision-making.
- Developed an interactive web dashboard to visualize sales trends, enabling real-time data exploration and decision-making through predictive results.

ACHIEVEMENTS

- Secured 3rd place in Chatbot Design at Sri Eshwar College of Engineering, Coimbatore.
- Achieved 1st place in Project Expo at Sri Ramakrishna Institute of Technology for a Sales Prediction project, demonstrating in machine learning and data-driven forecasting techniques.
- Conducted a Machine Learning Workshop – Organized and led a hands-on workshop covering fundamental ML concepts, data preprocessing, model building, and evaluation techniques. Provided practical demonstrations using Python, Scikit-learn, and real-world datasets, enabling participants to gain hands-on experience in developing and optimizing machine learning models.

EXTRACURRICULAR ACTIVITIES

Secretary, Innovial Association

- Led and organized technical events, fostering innovation and collaboration among students.
- Coordinated various workshops and hackathons to enhance practical learning.

CERTIFICATES

- Python, NPTEL, January 2024
- HTML and CSS, Open weaver, September 2023
- Deep Learning, NVIDIA, February 2024.

Key Projects

Title	Description
Chatbot [3rd prize in Sri Eshwar college of engineering]	Chatbot for hospital to streamline patient inquiries and appointment scheduling. The chatbot efficiently handled patient queries, provided information on services.
Pose Detection for Exercise [March 2023 - September 2023]	System for exercise that uses mediapipe to analyze and provide feedback on users' form during workouts. The system accurately identifies key body positions and movements, ensuring proper technique and reducing the risk of injury.
Customer churn prediction	Implemented a customer churn prediction model using machine learning to identify at-risk customers based on behavioral and transactional data.
SMS spam detection	Machine learning techniques to identify and filter out spam messages. The system achieved high precision and recall, enhancing communication quality
Sales Prediction [1st prize in Ramakrishna college of engineering and technology]	Developed an interactive web dashboard to visualize sales trends, enabling real-time data exploration and decision-making through dynamic charts and predictive
Movie genre classification	Developed a movie genre classification system utilizing natural language processing and machine learning to categorize movies based on their plot summaries.