Jaspreet Kaur Raghuwanshi

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Objective:

With over 4+ years of experience in the IT industry as software engineer. I am currently seeking a dynamic position in artificial intelligence field where I can deploy my well-honed technical, analytical, and creative skills acquired through extensive studies and hands-on experience. Eager to tackle new challenges and showcase my abilities in a vibrant and innovative work environment.

Experience:

Applied AI intern | Ambrapali Electrotech Pvt Ltd , Remote **(May 2023 - Nov 2023)**
- Developed end to end Machine Learning Model to predict Cement strength for Aditya Birla Group and deployed on heroku platform with accuracy above 90%.

Software Engineer | UnitedHealthCare India Pvt. Ltd. , Mumbai **(June 2018 - Jan 2019)**
- Lead the development of mobile applications for iOS and Android platforms, resulting in a 20% increase in user engagement.
- Integration mobile apps with insurance system, implementing of robust security measures.

Android App Developer | Dgflick Pvt. Ltd. , Mumbai **(Oct 2016 - June 2018)**
- Developed and maintained mobile applications for clients, meeting project deadlines and client expectations.
- Integrated third-party APIs for payment processing and data exchange, enhancing application functionality.

Android App Developer | ICICI Lombard GIC Pvt. Ltd. , Mumbai **(Nov 2013 - Oct 2015)**
- Design, Development and Maintaining Apps used by agents and customers of Insurance Domain.
- Creating intuitive interface, conducting throughout testing, and optimize performance to enhance user experience.

Education:

Master in Artificial Intelligence| Inside AIML , Remote
- Grade A (April 2023 - Dec 2023)

MCA(Hons) | Lovely Professional University , Punjab
- Cgpa : 8.7, Percentage : 77.85 (Aug 2010 - May 2013)

BSC-IT | Punjab Technical University , Punjab
- Percentage : 73.97 % (Sep 2006 - Sep 2009)

HSC | Punjab Board , Punjab
- Percentage : 57.3 % (Apr 2005 - May 2006)

Projects:

Chatbot : Health Lifestyle Nutrition Q/A System
(Google Palm, Hugging face instructor, Annoy vector database, Stream lit, Generative AI)
- Developed an intelligent chatbot capable of answering health, lifestyle, and nutrition-related queries.
- Improved question and answer retrieval speed using Annoy Vector Database.
- Streamlit facilitated the creation of an engaging and accessible user interface.
- Repo Link: https://github.com/data-pioneer/Question-Answer-Chatbot-LLM

Surface Crack Detection: (YOLOv8 , Roboflow,Computer Vision, Deep Learning)
- Implemented an efficient solution for surface crack detection in diverse materials such as concrete, asphalt, and metal.
- YOLOv8 provided accurate and real-time detection capabilities, and Roboflow streamlined the dataset preparation process, enhancing the model's training effectiveness.
- Repo Link: https://github.com/data-pioneer/Surface-Crack-Detection-YOLOV8

Fashion-MNIST CNN Classifier: (Convolutional Neural Network, Deep Learning)
- Developed a Convolutional Neural Network (CNN) classifier for Fashion-MNIST dataset.
- Achieved high accuracy in classifying diverse fashion items.
- Repo Link: https://github.com/data-pioneer/Fashion-MNIST-Deep-Learning

Cement strength Prediction: (Regression,Machine Learning)
- Developed end to end Machine Learning Model to predict Cement strength for Aditya Birla Group
- Deployed on heroku platform with accuracy above 90%.
- Repo Link: https://github.com/data-pioneer/Cement-Strength-Predictor

Skill:

Technical: Python | Data Science | Machine Learning | Deep Learning | Computer Vision | Cloud (AWS) | Version Control(Github) | Flask | PowerBI | Sql | TensorFlow | PyTorch | NLP | CNN | RNN | LSTM | Reinforcement Learning

Non - Technical: Efficient and Effective Communication | Problem Solving | Easily adapt to new Technology | Data Interpretation | Committed to achieve team goals

Certifications: Google Drive Link

IBM Data Analysis with python, Machine Learning with python, Deep Learning with TensorFlow