

SUNDRAM DUBEY

Generative AI Engineer

7268022966 @ Sundramdubey196@gmail.com

SUMMARY

Experienced Gen AI Engineer with a proven record of impactful solutions. Proficient in Python, machine learning algorithms, and deep learning techniques. Eager to contribute expertise to a forward-thinking team.

EXPERIENCE

Gen AI Engineer 05/2024 - Present

Tata Consultancy Services

Noida, India

- Developed and deployed an AI-powered assistant to optimize the supply chain for a leading pharmaceutical company, improving operational efficiency and decision-making.
- Integrated Langchain for building dynamic, multi-stage pipelines in natural language processing (NLP) applications, improving the assistant's capabilities in complex tasks like document understanding and contextual reasoning.
- Expertise in machine learning algorithms, neural networks, and deep learning models to solve complex problems in image recognition, natural language processing, and generative models.
- Implemented computer vision models for various tasks such as object detection, classification, and anomaly detection.
- Utilized Databricks for large-scale data processing, model training, and collaborative data analytics.
- Experience working with cloud platforms (AWS, Azure, GCP) for deploying machine learning models and managing large-scale data pipelines.

AI ML Developer

08/2023 - 05/2024

CloudAnalogy

Kurukshetra

- Spearheaded the design and implementation of machine learning and deep learning models, harnessing regression, classification, clustering, ensemble methods, and advanced neural networks to solve intricate challenges.
- Proficiently utilized LLAMA and LangChain frameworks for specialized model training, enhancing contextual understanding and conversation-based solutions.
- Developed RESTful APIs using Flask, FastAPI, and Django, enabling seamless integration of machine learning models into applications and systems.
- Specialized in computer vision techniques, integrating convolutional neural networks (CNNs), image recognition, and object detection to solve visual data problems with high accuracy and efficiency.
- Expertise in data preprocessing techniques, encompassing feature engineering, normalization, handling missing data, and employing computer vision methodologies, ensuring improved model performance and reliability in diverse datasets.
- Implemented cloud-based solutions leveraging platforms like AWS, Azure, or GCP, ensuring scalable and reliable deployment of machine learning models and services.

Sr. Web Content Executive

07/2019 - 08/2023

OctaShop e-Retail Services

Gurugram

- Employed industry-leading content management systems (CMS) such as Sitecore, FirstSpirit, and Episerver to deliver real-time updates to website content, ensuring seamless user experiences and driving engagement.
- Crafted visually stunning and engaging web pages using cutting-edge technologies such as HTML, CSS, JS, and Bootstrap.
- Revamp website content by performing thorough content audits to pinpoint any deficiencies or duplications within existing content.
- Empowered new hires with vital skills and knowledge in Content Management.

EDUCATION

B.tech in CSE

06/2015 - 07/2019

APJ Abdul Kalam University

PGP in DS/ML

01/2022 - 01/2023

Intellipaat x University of Massachusetts



SKILLS

Artificial Intelligence · LLM · Langchain ·

Computer Vision · Deep learning ·

Machine Learning · Django · FAST api ·

Flask · Python · OPENCV · Linux · SQL ·

GCP · Tensorflow · Pytorch · RESTful API ·

Sitecore · CMS · JIRA · Web Technologies ·

JS · Databricks

PROJECTS

Sharon Supply chain AI Assistant

I developed **Sharon**, an AI-powered assistant designed for a leading pharmaceutical company to streamline and optimize their supply chain operations.

The assistant provides actionable insights by analyzing both structured data (such as inventory levels, shipment data) and unstructured data (like supplier communications, market reports).

Leveraging advanced AI techniques, including Retrieval-Augmented Generation (RAG) and natural language processing, Sharon helps decision-makers quickly access critical information, identify bottlenecks, and forecast demand more accurately.

The solution is scalable, capable of handling large datasets, and improves real-time decision-making for the company's supply chain management.

Sales Property ChatBot

Drive the development of an advanced real estate chatbot tailored for property sellers, harnessing a custom-trained LLAMA model using call recording data.

Orchestrated the comprehensive development of a Real Estate Chatbot, overseeing data curation for LLAMA model training, seamless integration with Salesforce CRM, meticulous adherence to compliance standards, and refinement for an optimized user experience.

Scratch/Dent Detection

Fintuned Yolo V8 model to detect dents in car, deployed in AWS EC2 instance.

COURSES

PGP in Data Science and Machine Learning