Github   # SAHIL KHAN   Linkedin
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SKILLS:

Programming Languages:
Python3 , C/C++,javascript,HTML,CSS,

Frameworks & Database:
Django,Django Rest framework,Django,ORM,ELT,Django Signals,Channels,Serializers,Authentications,FastApi, Flack,Reactjs,NextJs,SQL,postgresql,NoSQL,MongoDB,

Vector Database
ChromaDB,FAISS,Pinecone,LanceDB

Machine Learning Algorithms(ML):
 Linear Regression, Ridge Regression, Lasso Regression, Elastic-Net-Regression, SVM, Logistic Regression, KNN, Naïve-Bayes, K-means Clustering, Hierarchical Clustering, Decision Trees, Random Forest, Ada-boost, Xgboost.

Deep Learning(DL):
Artificial Neural Network, Convolution Neural Network,Recurrent Neural Network, Loss-function, Activation-function, Optimizer.Gen AI,

Computer Vision(CV):
Opencv,CNN,LeNet,AlexNet,VGGNet,ResNet,R-CNN,Fast-R-CNN,Faster-R-C NN ,SSD,YOLO,GAN,Depth Map,Image Depth,Image,Image Stitching,DALLE 2,Gemini.

Natural-Language-Processing(NLP):
Tokenization, stop word, Stemming, Lemmatization, one-hot encoding, bag-of-Word, TF-IDF, Word2vec, RNN, LSTM, bi-LSTM, encoder and decoder,AttentionModel, Transformer, BERT, GPT3,LLM,LongChain,Hugging Face, LLamA,PaLM,LlamaIndex.

Cloud Platform(Azure,AWS):
 AWS, IMrol, AwsLambda, Step-function, Amazon-Sagemaker, S3, AWS Cloud9 bucket,EC2 ,, ECS,ECR, Amazon kinesis, Cloud-watch, Docker, IoT,Core MQTT,Kafka Azure cloud,Azure Function,Azure Automation,Azure virtual machine,Azure Storage,Azure Resource optimization,Azure Cost management,Azure Infrastructure,Design,azure,

Machine Learning Operations(MLOps):
Git, DVC, Mlflow, CICD-Pipeline with AWS Gunicorn,Daphne, Jenkins,Github-Action,Aws CICD,MLFlow,AWS SageMaker

Internet of things(IOT):
Raspberry Pi, ESP32, Arduino,MQTT,kafka.

Graphics processing unit(GPU):
Nvidia Geforce-3060,CUDA,CUDNN.

EDUCATION:

Govt Engineering College Bharatpur(RTU)
Rajasthan Technical University
B.Tech(computer science)   (2018 - 2022)

EXPERIENCE:

Unique Computing LLC | Data Scientist - Intern (july2020–Dec2020)

CITRIOT | Data Scientist   (jan 2021 - Present)

NOTABLE PROJECTS

SchoolUniGuideBot |ML Engineer

School Uniguide is an all-in-one product suite that gets real-time data from all schools,with the help of school uniguide customers can find the best suited school for children in the UK and it's able to answer most of the parents' questions parents can ask questions related to fee structure safety facility parents can ask questions about school fee Structure, safety,facility,open date for admission and etc

.• Impact:reduce time,save money and manpower.

• Impact:parents do not need to waste their time on finding the best school in the UK; they can directly find the best school for children within a few hours.

Technology:Generative AI,LLMs,GPT3.5,LaingChain

Fireconnect|ML Engineer
Fire-connect is an all-in-one product suite that gets real-time data from the machines through IoT gateway and sensors. Fire-Connect can be connected with all types of machines-legacy or smart machines. the software application accompanying Fire-connect captures the data generated and translates it into visual insights.it also triggers alerts as and when there are deviations in the performance of the machines.The best part about the software application is that can be accessed remotely from any location.The data collected and optimized by fire-connect is future fed to an onboard AI Engine,CogniSense.CogniSense is an AI/ML powered Analytics Engine responsible for generating deeper insights for smart factory operations.the product helps you with operations like predictive

• Impact:Reduction in Downtime by 92% per toolpost failure and defining the problem causing it. The fault localization was seamlessly integrated into the AI engine.
Technology:Machine learning Model,,Django,AWS,ESP32

Machine Vision Intellisense | ML Engineer
object-detection,object Tracking and object counting with help of this product we can make your machine smart and intelligent
• Impact:convert your industry into a smart & connected industry