

Contact

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- Ideal Homes, Karachi, Pakistan

Skills

- Data Preprocessing
- CNNs, RNN, LSTMs, YOLO
- Transformers
- NLP (NLTK, LLMs, LangChain)
- Object Detection/Classification
- Segmentation
- GANs
- OCRs
- Image Processing
- Python, R, Java, C++
- Scikit-Learn, Keras, Tensorflow
- OpenCV, Pillow, PyTorch
- MySQL, MongoDB, Firebase
- Flask, StreamLit, FastAPI
- Kotlin, Flutter, ReactJS
- Problem Solving
- BigQuery ML, AutoML
- Docker Containers
- AWS EC2, GCP
- Web Scraping

Certifications

- Credly badge for Applied Data Science Labs at WorldQuant University (2022)
- Computer Vision and Image Processing (Coursera)
- Google Cloud Big Data and Machine Learning Fundamentals (Coursera)
- Python and Data Structure (Coursera, DataCamp, Hackerrank)
- Python Trophy (Microsoft Learn)
- SQL (Hackerrank Gold Badge, DataCamp Certification)
- Java Data Structures (Coursera)
- Introduction to MongoDB (MongoDB Academy)

Nimarta Devi

Machine Learning Engineer

I am a Computer Science graduate with immense enthusiasm in Artificial Intelligence, Machine Learning, and Computer Vision. I have worked with several AI models and put it's algorithms into practice. I am proficient in variety of programming languages and tools. Looking for career opportunities to utilize my abilities to make an impact. I'm committed to continuous learning and growth in the field.

Work Experience

- **CodeClause | April 2023 - May 2023**
Data Science Intern
- **The Sparks Foundation | Nov 2022 - Dev 2022**
Computer Vision and IoT Intern
- **Fiverr Freelancing | 2021 - Present**
AI Engineer and Data Scientist
- **Fastech Systems | June 2023 - Present**
AI and Machine Learning Intern

Experience

- ScraperChat using LangChain, BeautifulSoup, Flask and FastAPI
- Facial Expressions mapping to Emoticons using DeepFace and Flask
- Vehicle Classification, Tracking and Counting using YOLOv8, DeepSort and Flask
- Face Recognition using FaceNet
- Safety Helmet Detection using YOLOv8
- SemanticSim Evaluator: Exam Answer Similarity Checker using BERT
- Face Mask detection using YOLOv8
- Food Calories Estimation using CNN and Image Processing
- Image Generator using OpenAI and ReactJS
- Hand Gesture Mouse Control using MediaPipe and OpenCV
- Overlay Images using OpenCV
- BubbleSheet MCQs Test Grader using OMR, Python, and OpenCV
- Business Card Reader using OCR
- Aerial image classification using ResNet50
- Pharmacy Chatbot using NLP and Tkinter
- Electricity Consumption Forecasting using MLP
- Stock Volatility Forecasting using GARCH Model

Education

Sukkur IBA University

BS - Computer Science | 2019 - 2023

- Studied core concepts of Computer Science.
- Worked in individual as well as group semester projects