

## Contact

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- Karachi, Pakistan

## Skills

- Data Preprocessing
- Neural Networks
- Transformers
- NLP
- Object Detection
- Segmentation
- Image Processing
- Python, R, Java, C++
- Generative AI
- GANs
- Scikit Learn, Keras, Tensorflow
- OpenCV, Pillow, PyTorch
- MySQL, MongoDB, Firebase
- Flask, StreamLit, FastAPI
- Problem Solving
- BigQuery ML, AutoML
- Docker
- 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)
- Java Data Structures (Coursera)
- SQL (Hackerrank Gold Badge, DataCamp Certification)
- Python and Data Structure (Coursera, DataCamp, Hackerrank)
- Introduction to MongoDB (MongoDB Academy)

# Nimarta Devi

## Artificial Intelligence 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

- Scraper Chat 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
- 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
- Face Recognition using FaceNet
- Image Generator using OpenAI DALL-E, ReactJS
- Hand Gesture Recognition using MediaPipe
- 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