

# SANYAM KARNAVAT

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[Portfolio](#) ♦ [LinkedIn](#) ♦ [Leetcode](#)

## EDUCATION

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**Master of Computer Application**, Ashoka center for computer studies  
**Bachelor of Computer Science**, Indira college of commerce and science

June 2021- August 2023  
July 2018 - March 2021

## SKILLS

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**Languages :-** Python , C/C++.  
**Data-Skills: :-** Pandas,NumPy,Seaborn,Matplotlib,Scapy,BeautifulSoup.  
**Blockchain :-** Algoritm , Algosdk , Ethereum , SOLIDITY.  
**AI skills :-** Finetuning(llama3.1 , GPT 3.5),Hugging Face,Scikit-learn,TensorFlow,Keras.  
**Other-Skills :-** Flask, Requests,Socketio,Threading, Azure service bus,NLTK OpenPyXL.  
**Databases :-** SQL.

## EXPERIENCE

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**Thoughtspark(Glabs)**  
Blockchain & AI developer

February 2024  
*Remote*

- Developed an AI and blockchain-enabled **E2E** software solution mimicking **Digital-Twin** of a Raspberry Pi with various sensor attached. Implemented **AI model** that detect anomalies and records the data directly on the **Blockchain**.Retrieved filtered responses from the blockchain and integrated with **Azure Service Bus**. Presented analytics on a React.js-based **Dashboard**.
- Constructed a certificate PDF verification AI in combination with **Blockchain** working an absolute tamper proof engine to check if documents issued are valid/genuine. It Utilizes **Pytesseract** and **Imagehash** for processing image data and comparison .
- Fine-tuned LLama 3.1 8B model locally using **Nvidia's CUDA** on RTX 2000 GPU on a custom dataset with a remarkable accuracy of 91% on validation data.

**Growthaxl**  
Data Scientist(Implementation Consultant)

February 2023 - February 2024  
*Surat, Gujarat*

- Deployed an Intrusion Detection model using **ELK stack** integrated with **Flask and Wireshark** that detects intrusion in a connected network,enhancing the network's throughput by 15% .
- Fine-Tuned GPT 3.5 Turbo** to work on a custom programming language(**Business rules**) that **generates** code on given instruction. As a result it contributed to a substantial increase in **20% revenue** of the company.
- Built a Python script that **automated** almost all of the repetitive **REST-API** tasks, handling CRUD operations on millions of entities with 2000 entities per API call **saving 90% of the labour time** .

## SIDE PROJECTS

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**Portfolio Website:-** Published a personal website on github,serving as an interactive and website garnering over 500 unique visitors resulting in a 30% increase in user engagement.[\(Link\)](#)

**Web Scraper:-** Extracted over 120 articles from various sources and implemented a streamlined pipeline for sentiment analysis, categorizing article polarity and detecting misinformation with 94% accuracy.

## EXTRA ACTIVITIES

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- Published a Python library on **PyPi** that processes encoded blockchain response objects to decode data written to the blockchain.
- Contributed to various Open Source programs like in Hacktoberfest and Nammi Yatra Open Mobile Hackathon.