SAAD KHAN

CONTACT ME

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ABOUT ME

I am a certified AI Engineer from DataCamp, backed by two years of hands-on experience in Python programming, where my commitment to continuous learning has been a driving force. My practical expertise in AI development was cultivated through a rewarding internship at Kwick Doctor and a role as an AI engineer at Glassogon. I excel in solving complex problems and have demonstrated effective team management skills. Beyond my professional roles, I actively contribute to the tech community as a core team member of **GDSC-SMIU**, engaging in collaborative technology initiatives. As an ambassador for the **NASA Space App** Challenge, I am dedicated to promoting innovation and applying my technical skills to meaningful projects. Additionally, I participated in the **Power Apps Bootcamp by Microsoft**, further enhancing my skill set in application development. My passion for new technology extends to staying up-to-date with the latest trends, ensuring that I remain at the forefront of technological advancements. I am not just a practitioner but a self-learner driven by a relentless pursuit of excellence. I aspire to bring this dedication and my technical prowess to any organization, aiming to make a substantial impact through innovation and problem-solving

EDUCATION

BS-Artificial Intelligence from SMIU

CERTIFICATION

Python Programming
Issuing Organization: Udemy

Generative AI
Issuing Organization: DataCamp

Data Manipulation with Python
Issuing Organization: DataCamp

BOOTCAMP

I am currently attending the Power Apps Bootcamp by Microsoft, where I am gaining extensive knowledge and hands-on experience with Power Apps and the Power Platform. This Bootcamp is enhancing my skills in developing powerful, low-code applications and integrating various Microsoft services to create innovative solutions.

WORK EXPERIENCE

Modivcare

I sell my automation bot on a subscription basis to ModiveCare. The bot, developed using Python and Selenium, seamlessly integrates and enriches data between portals, enhancing task management efficiency for up to 10 drivers.

Glassogon

During my time on my project named
I had the opportunity to work on a
very exciting project focused on augmented reality.
The goal of the project was to create an
AR product that would allow users to virtually try
on glasses and see how they look before making a
purchase

Kwick Doctor

During my time as an AI intern at Kwick Doctor, I had the opportunity to work on a range of projects focused on machine learning and data preprocessing. One of the most challenging tasks I faced involved developing an algorithm to detect anomalies in patient data.

SKILLS

- Python
- Javascript
- Opencv
- Langchain
- Flask
- SQL
- Numpy
- Pandas
- Seaborn
- Sklearn
- Vapi
- make

PROJECTS

- **Automation Bot for Data Integration Using Selenium in Python:** Developed a Python-based automation bot using Selenium to integrate information. It extracts data from one portal, transfers and enriches it on another, including date, time, driver assignment, and vehicle number. This enhances task management among 10 drivers efficiently.
- **Langchain-Powered Customer Support Chatbot**Created a customer support chatbot using Python and Flask, empowered by Langchain for NLP. The chatbot analyzes customer queries accurately, automating ticket routing and providing prompt responses. Users interact via a simple web interface. Langchain, NLP, Flask
- **Human Pose Estimation in Extremely Low Light Conditions:** Developed a human pose estimation system using Flask and OpenCV, enhanced by MediaPipe for pose detection. The project accurately tracks human poses in low light environments via a simple web interface.
- **Building a RAG Pipeline for Research Paper Summarization:** Developed a research paper summarization pipeline using RAG methodology. This system gathers data from research papers, applies RAG techniques to enhance accuracy, and ensures clear, reliable summaries.
- **AI Voice Assistant Development using VAPI :** Developed an AI voice assistant leveraging VAPI technology. It utilizes advanced natural language processing (NLP) to understand and respond to user commands, enhancing interaction across devices and applications.
- **Augmented Reality Glasses Try-On App:** Created an AR app using Python and MediaPipe for live glasses try-on. Users can virtually try different glasses styles in real-time. Deployed the app on Glassogon website for seamless access. using **Python, MediaPipe, Augmented Reality, Web Development**
- **Exploratory Data Analysis (EDA) on a Public Dataset:** Use Python libraries like Pandas and Matplotlib to explore a publicly available dataset (e.g., weather data, movie ratings). Practice data cleaning, manipulation, and creating basic visualizations to understand the data's characteristics.