SHIVAM KUMAR

Kolkata, West Bengal

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EDUCATION

Techno Main Salt Lake	**08 2019 – 07 2023**
B.Tech in IT - **CGPA - 8.96**	*Kolkata*
Premalok Mission School	**05 2015 – 05 2017**
AISSCE (CBSE) - **81.6%**	*Patna*
St. Johns Residential Public School	**05 2013 – 05 2015**
AISSE (CBSE) - **CGPA - 10**	*Patna*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Machine Learning
- DBMS
- OOPS Concept

PROJECTS

Voice ChatGPT ↗ | Python, Django, OpenAI, HTML, Bootstrap, Speech Recognition
- Implemented a user-friendly interface that closely resembles ChatGPT, allowing users to interact with the AI model using voice command.
- Incorporated speech recognition and natural language processing techniques to process user input and generate relevant responses
- Utilized OpenAI's powerful language model to provide accurate and contextually appropriate answers to user queries, both displaying and narrating the results

Sentiment Analyzer ↗ | Python, NLTK, VADER, Streamlit
- Developed a sentiment analysis web application using Python and Streamlit framework to analyze the sentiment of textual data.
- Utilized the VADER (Valence Aware Dictionary and sEntiment Reasoner) sentiment analysis tool as a rule-based approach
- Designed an interactive user interface using Streamlit to allow users to input text
- Deployed on cloud for seamless accessibility
- Live site here

Python IDE ↗ | Python, Tkinter, Subprocess
- GUI app to edit, save and run python scripts
- Tkinter is used for Graphical User Interface design
- Module Subprocess is used for running python script

INTERNSHIP

Persistent Systems ↗	**05 2022 – 06 2022**

Martian Student Intern
- 5 weeks self learning program
- OS, DBMS, C++, Data Structure and Algorithm
- Final Assessment Qualified

TECHNICAL SKILLS

Languages: C++, C, Python, SQL, NoSQL, HTML, CSS, JavaScript
Developer Tools: VS Code, Anaconda, Pycharm, Notepad++
Technologies/Frameworks: IoT, Cloud, Django, Linux, GitHub, Git, MongoDB, Azure, Streamlit

ACHIEVEMENTS

First round qualified in Eureka 2021 at IIT Bombay
INFYTQ Qualified
Persistent Martian Qualified

CERTIFICATIONS

- Google IT Automation with Python - Coursera
- C for Everyone: Programming Fundamentals - Coursera
- Introduction to Machine Learning - Coursera
- Version Control with Git - Coursera