

# Sahajdeep Singh Kharbanda

New Delhi, India | [LinkedIn](#) | +91 9971402221 | [kharbandasahajsingh@gmail.com](mailto:kharbandasahajsingh@gmail.com) | [GitHub](#)



## EDUCATION

### Thapar Institute of Engineering and Technology

BE in Computer Science (CGPA: 9.34)

- Electives Subjects: Data Science and Introduction to French

Patiala, Punjab

Graduation Date: June 2023

### Venkateshwar International School

XII [CBSE] (Percentage: 93%)

- Non-Medical Stream

New Delhi

Graduation Date: May 2019

### Indraprastha World School

X [CBSE] (CGPA: 10)

New Delhi

Graduation Date: May 2017

## WORK EXPERIENCE

### SRK Tele Energy (India) Pvt. Ltd.

Data Analyst

- Role: Product data analysis using python and spreadsheets

Gurgaon, Haryana

15/07/2021 – 15/09/2021

### NIIT Limited

Data Analyst

- Worked on the project in team of 2
- Role: Analyzing exam data using python and its libraries

Gurgaon, Haryana

5/11/2021 – 7/02/2022

## PROJECTS

### Digital Warranty System using Blockchain

Blockchain-based ecommerce warranty system

- Designed an E-Commerce Web Application using ReactJs, blockchain and Django and deployed using polygon blockchain
- Created NFT's using smart contracts based on ERC721 non-fungible tokens which decay when the warranty duration expires
- Provided user with digital NFT of purchased products having features like transfer, transfer history, repairs and gamification

July 2022 – August 2022

### DocAid

A 24x7 Heart monitoring system for hospitals with dashboard support

- Real time dashboard showing readings and graphs of vital organs of all patients
- Future reading predictions using machine learning algorithms like Arima, FBProphet and LSTM
- Database management using firebase and SQLite, development using Django and made a Wi-Fi based wearable device

July 2022 – Present

### Twitter Analysis using tweepy

Sentiment Analysis of Tweets

- Created Jupyter Notebook to extract tweets in real time and tweets were scraped by applying geographic location filter
- Did sentiment analysis using TextBlob and updated the data in real time in google sheet using Coupler.io
- Data visualization was done in form of choropleth map of India using datawrapper based on data collected

Feb 2022 – Mar 2022

## ACHIEVEMENTS

- Merit Scholarship** at Thapar Institute of Engineering and Technology twice (1<sup>st</sup> and 2<sup>nd</sup> Year).
- Walmart Hackathon Winner**
- [Python Complete Course for Beginners](#)
- [Google Data Analytics Specialization](#)

## TECHNICAL SKILLS

Languages: C/C++ | Python | R

Tools and Frameworks: MySQL | GitHub | Spreadsheets | Tableau | Google Data Studio | Django | Rest Framework | Jupyter Notebook