# NITESH KUMAR

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## SUMMARY

Computer Science and Engineering graduate specializing in Data Science. Passionate about programming and data Analysis. I stay updated on the latest trends. A collaborative team player, I bring valuable skills and expertise to any organization

## TECHNICAL SKILLS

- Language             - C++,  Python,  C,  SQL  , Pandas  ,Numpy
- Machine Learning  - Markov Chain, Hidden Markov Chain, Random Forest
- Deep learning        - LSTM (Long Short-Term Memory), CNN (Convolutional Neural Network)
- Web Development  - Django, HTML/CSS
- Tools                  - Pycharm  ,VS Code  ,  Jupyter-Notebook  ,Google-Colab

## WORK EXPERIENNCE [Internship]

**APT Software Avenues PVT Ltd**  |Data Analyst  |Feb-2023 - Mar-2024  | Kolkata

- In my role as a Data Analyst and Machine Learning Engineer, I analyzed diverse datasets, constructing and refining machine learning and deep learning models for impactful insights

- Defence project that involves predicting a person's future location based on their past location history.using Machine Learning Markov Chain

## PROJECT

Project 1 github.com/nitesh
*Created a web interface to make the app intractive. Created a backend using Django to generate the new cdr based on the previous. Created data distribution generato*

- I developed a user-friendly webpage utilizing Python for backend logic and Django for frontend design. The application generates data including phone numbers, names, states, latitude, longitude, and more

Project 2 github.com/nitesh
*Defence project that involves predicting a person's future location based on their past location history.using Machine Learning Markov Chain*

- I've crafted a user-friendly webpage employing Django, integrating machine learning algorithms like Markov Chain. Leveraging Folium library, it dynamically plots data on maps, enhancing user interaction and visualization.

Project 3 github.com/nitesh
*implemented spacy_base NER system in Django enhancing entity recognition*

- I've crafted a user-friendly webpage employing Django, integrating NLP, and Spacy to train your model on your data I have also added the feature of retraining the old model and you can make  your model by using an empty model

Project 4  Google-Colab/nitesh
*)Led Skin Cancer Detection Project leveraging CNN and deep learning. Executed robust data preprocessing, transformation, and overscaling, followed by model training and evaluation.[Final Year Project]*

## EDUCATION

- B-Tech in CSE-Data Science, Haldia institute of technology  [8.5 (C.G.P.A)]                    SEP,2020 - 2024

- Higher Secondary Certificate (Class12th) Himalayan public school digha patna(CBSE)[77.4 %]  Jul,2017 -  Jul ,2019

- Secondary School Certificate (Class 10th) St Paul's high school digha patna(ICSE )  [86%]   Aug,2016 -  Jul ,2017

## Achievements/Task

- I contributed to a defense project, implementing advanced algorithms for enhanced capabilities, ensuring optimal performance and security in critical operation
- I am the poker of my department of placement cell