

# KISHAN TRIPATHI

C-91, Xu-2, Greater Noida, Uttar Pradesh

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## Education

<b>Galgotias College of Engineering and Technology</b> <i>Bachelor of Technology in Computer Science</i>	<b>2021 – 2025</b> 8.09 CGPA
<b>Saraswati Senior Secondary Vidya Mandir</b> <i>Class XII</i>	<b>2018 – 2020</b> 91.0%
<b>Saraswati Senior Secondary Vidya Mandir</b> <i>Class X</i>	<b>2016 – 2018</b> 91.5%

## Experience

<b>Wise Analytica</b> <i>Consulting Data Analyst</i>	<b>July 2023 – December 2023</b> <i>London, England (Remote)</i>
<ul style="list-style-type: none"><li>Utilized twitter api and NER models to scrape relevant tweets and using machine learning algorithms to predict the relevant customers for the organization resulted in 60% increase in lead generation.</li><li>Utilized Python and R to conduct sentiment analysis, including data prep, machine learning modeling, and natural language processing.</li><li>Orchestrated exploratory data analysis and churn prediction on a telecom dataset utilizing machine learning algorithms such as Logistic Regression, Decision Trees, and Neural Networks, resulting in a 25% increase in customer retention.</li></ul>	
<b>Wise Analytica</b> <i>Data Science Intern</i>	<b>May 2023 – June 2023</b> <i>London, England (Remote)</i>
<ul style="list-style-type: none"><li>Developed a Natural Language Processing model that achieved an 85% accuracy rate in matching occupation titles to degree titles using advanced textual matching techniques.</li><li>Contributed to improving weather forecasting in the aviation sector with advanced machine learning models leads to 10% better predictions.</li></ul>	
<b>Marquee Equity</b> <i>Investment Banking Fellow</i>	<b>August 2023 – Present</b> <i>New Delhi, India (Remote)</i>
<ul style="list-style-type: none"><li>Conducted in-depth analysis of investment and financial reports of over 50 firms, identifying key areas for improvement and potential growth opportunities, leading to a 20% increase in investment returns.</li><li>Provided visualizations and analysis of investments in sectors such as fintech and edtech, resulting in a 35% increase in investment in these sectors.</li></ul>	
<b>Projects</b>	
<b>Predictive Maintenance: MLOps (Machine Learning Operations)   Python</b>	<b>April 2024</b>
<ul style="list-style-type: none"><li>The application utilizes a machine learning model that identifies equipment failures based on process parameters, including air and process temperatures, rotational speed, torque, and tool wear.</li><li>The backend server manages user authentication, data storage, and model training. The machine learning model will be trained and deployed using Docker containers. The application will be hosted on Digital Ocean droplets.</li></ul>	
<b>NanoGPT   Python, pytorch, numpy, transformers</b>	<b>March 2024</b>
<ul style="list-style-type: none"><li>NanoGPT is a lightweight implementation of the GPT (Generative Pre-trained Transformer) model based on the Karpathy's "minGPT" repository.</li><li>Implemented a Byte Pair Encoder (BPE) for converting text to sequences of integers, following the OpenAI GPT methodology.</li><li>Created a simple and efficient training framework for the GPT model, including a PyTorch boilerplate code file for training the model.</li></ul>	
<b>Echo: An approach towards second brain   Python, MongoDB, RAG</b>	<b>December 2023</b>
<ul style="list-style-type: none"><li>This project implements a "second brain" chatbot that captures conversational histories using speech recognition and language model summarization. It stores summaries and embeddings in a MongoDB database, enabling semantic search and retrieval of relevant past summaries for contextually appropriate responses.</li><li>The chatbot demonstrates an end-to-end pipeline for the "second brain" concept, integrating speech transcription, conversation summarization, database storage, and response generation.</li></ul>	

## Technical Skills

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**Languages:** Python, C/C++, HTML/CSS, SQL, R

**Technologies/Frameworks:** Machine Learning, NLP, Exploratory Data Analysis, Scikit learn, Pandas, Numpy, Data Analytics, Tableau,

## Leadership / Extracurricular/ Certifications

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### GFGSC-GCET

**December 2023 – Present**

*Marketing Head*

*GCET*

- Led marketing initiatives as the Marketing Head for GFG student chapter, driving engagement and promoting technical events to a diverse audience

### Vedic Mathematics Club

**April 2018 - March 2019**

*Head*

*Saraswati Sr. Sec. Vidya Mandir*

- Represented at State & National level competitions organized by Vidya Bharti

### Certifications

- Machine Learning Specialization: Stanford Online – Grade 97.8% (Supervised Learning, Advanced Learning Algorithms, Unsupervised Learning)
- Google Data Analytics Professional Certification – Grade 87.7% (R, Spreadsheets, SQL, Tableau)
- British Airways Virtual Internship: Data Science Intern (Web scrapping, Python, ML algorithms)