

Kartikay Naswa

📍 Delhi, India | 📞 +91 8826894029 | ✉️ kartikaynaswa@gmail.com | 🔗 linkedin.com/in/kartikay-naswa

EDUCATION

Bachelor of Technology in Computer Science and Engineering

August 2020 — July 2024

Guru Gobind Singh Indraprastha University, Delhi, India | Maharaja Surajmal Institute of Technology | CGPA: 9.712 |

Courses: Data structures, Object Oriented Programming, Web Technology, Database Management Systems, Software Engineering.

Senior Secondary School

March 2020

CBSE, India | Delhi Public School Vasant Kunj, Delhi, India | Percentage: 93 | Subjects: Physics, Mathematics, Chemistry, English, Computer Science.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python.

Web Technologies: HTML, CSS, Django.

RDBMS: MySQL, SQL.

Tools: VS Code, Jupyter Notebook.

Machine Learning: Natural Language Processing (NLP), Computer Vision, ANN, RNN(LSTM), NumPy, Pandas, Scikit-learn, Matplotlib, OpenCV, NLTK, Keras.

Data Science/Analytics: Data Manipulation, Data Analysis, Data Visualization, Data Cleaning.

TECHNICAL EXPERIENCE

Data Science and Machine Learning Trainee, Brain Mentors Pvt. Ltd.

August 2022 — September 2022

Python, Data Science, Machine Learning.

Delhi, India

- Data Cleaning, Exploratory Data Analysis.
- Worked on various projects and Machine Learning models including spam classification, house price prediction, face recognition.
- NumPy, Pandas, Matplotlib, Scikit learn, OpenCV, NLTK.
- Developed a Topic Modeling project using LDA model.

Artificial Intelligence Intern, Internship Studio

August 2022 — September 2022

Python, Machine Learning, Artificial Intelligence.

- Keras, NumPy, Pandas, RegEx(re), Pickle, NLTK.
- Created a language translation Machine learning model aka machine translation for converting German to English.

POSITIONS OF RESPONSIBILITY AND EXTRA CURRICULAR

Core Member and Social Media Lead, Prakriti MSIT (Social Media and Event Coordination/management)

December 2021 — Present

The Environmental Humanitarian society, NSS (National Service Scheme) and UBA(Unnat Bharat Abhiyan) Cell of MSIT.

- Organised and participated in 10+ Events in and around the campus like Food, Cloth Donation and Tree Plantation Drives, Blood Donation Camp, Seminars and workshops in in nearby schools under UBA like Safe touch Awareness, Self Defence, Yoga workshop.

Toastmasters Club of Speaking and Leadership, Delhi

Vice President of Membership

January 2022 — June 2022

Member

December 2021 — Present

- Organised and managed club meetings, delivered speeches, participated in and judged Speech, Speech Evaluation Competitions.

SELECTED PROJECTS

German to English Translation Model using LSTM

August 2022 — September 2022

(github.com/kartikaynaswa/Ger-to-Eng-Translation-Model-using-LSTM)

- Python, Machine Learning, LSTM.
- Implemented deep learning in the Sequence-to-Sequence (Seq2Seq) modelling for language translation to convert the short German sentences into the corresponding English sentences with train and test BLEU score of 92 and 60.
- Used LSTM encoder and decoder to process the sequence to sequence modelling in this task.

Topic Modelling using LDA (<https://github.com/kartikaynaswa/Topic-Modelling-using-LDA>)

August 2022 — September 2022

- Python, Unsupervised Machine Learning.
- Implemented an Latent Dirichlet Allocation(LDA) model to find the 6 most dominant topics in a dataset of 20000 reviews.
- The "topics" produced by this project as output are clusters of similar words which are presented in a form of wordcloud at the end of project.

Voter ID Database (github.com/kartikaynaswa/Election-Photo-Identity-Card)

November 2019 — December 2019

- Developed a computerized electoral photo identity card(EPIC) database management system in a menu driven interface. A binary file is used to store data.

CERTIFICATIONS AND ACHIEVEMENTS

- Completed 11 week Machine Learning course authorized by Stanford University and offered through Coursera.
- Completed 5 week training on Artificial Intelligence at Internship Studio.
- Received certification from hackerrank for Problem Solving.
- Received certifications from Sololearn for Python.
- Participated in Google Kickstart in 2021 and 2022. Ranked 3139 in Google Kickstart coding competition in round E, 2022.
- 5 star in C++ and 3 star in Problem solving and python on Hackerrank.