

# ROHIT GUPTA

## PYTHON DEVELOPER

### CONTACT

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- Karawal Nagar, Delhi

### EDUCATION

#### Master of Computer Application

Mangalayatan University, Meerut  
(PASSOUT-2024)

#### Bachelor of Computer Application

SVSU, Meerut  
(PASSOUT-2022)

### SOFT SKILLS

- Fast Learner
- Leadership
- Optimistic
- Problem Solving
- Communication Skills
- Time Management

### TECHNICAL SKILLS

#### Data Science / Machine Learning / Deep Learning

Python, Data Visualisation, Supervised Learning algos, Unsupervised Learning algos, Feature engineering, Feature section & extraction, Streamlit, Swagger, NLP (Natural Language Processing) etc.

#### Programming Languages

Python, SQL, C, C++

#### Python packages and Frameworks

Scikit-Learn, Tensorflow, Keras, API, NumPy, Pandas, Beautiful Soup, SciPy

#### Databases

MySQL, PostgreSQL, Snowflake

#### Deployment and containers

Gitlab, Docker, Jenkins, Heroku, Snowflake

#### Large Language Model (LLM)

Transformers, BERT, ChatGPT

### PERSONAL DETAILS

**Date of Birth:** 9th Oct 1999

**Languages Known:** English and Hindi

**Address:** 366/8, Shahid Bhagat Singh Colony, Karawal Nagar, Delhi, 110094

### PROFILE SUMMARY

Experienced NLP Python developer with 1.5 years of hands-on experience. Strong technical skills in python, Machine Learning, Deep Learning, Techniques Skilled in developing NLP models and algorithms to extract insights from text data with good knowledge in Regular expression(regex) and NLP techniques. Open to exploring and working with other technologies to broaden expertise. Seeking opportunities to innovative projects.

- A detail-oriented professional with **experience of nearly 1.5 years** in Python NLP (Natural Language Processing) Development in the Healthcare industry.
- Developed NER models and entity realtion extraction** model for the Manuh Solutions Private Limited to enhancing data extraction and analysis capabilities in the healthcare domain.
- Automated the python script with the snowflake** database to extract the meaning full data from the reports and progress notes and then to load the data into the form of table in the snowflake database.

### WORK EXPERIENCE

#### Python Developer (NLP- Natural Language Processing)

Manuh Solutions Private Limited., Bengaluru

November 2022 – Present

#### TNM Stage Classification

- Implemented an NER-based system using BERT and NLP techniques to extract TNM stage information from patient reports, enhancing the efficiency of cancer staging.
- Utilized Prodigy, an annotator tool, to annotate and lable training data for the NER model, improving its performance and robustness.
- Fine-tuned the NER model to improve its performance and achieve high accuracy in TNM stage extraction.

### CERTIFICATION

#### DOEACC 'A' LEVEL DIPLOMA FROM NIELIT

(Sep 15 2022) **Score:-** Grade B and 74%

#### Coding Ninjas Data Structures & Algorithms in Python

(April 2022 to August 2022) **Score:-** Top Peformer at 2nd Position

#### Microsoft Technology Associate - Python

(June 29, 2022) **Score:- 88/100**

#### Microsoft Office Specialist Expert - Excel

(02 September, 2019) **Score:- 769/1000**

### PERSONAL PROJECTS

#### Q&A Model Using BERT (Base Uncased)

- Model Development:** Designed and fine-tuned a QA model using the BERT-base-uncased from the Hugging Face Transformers library
- Interactive Application:** Created an interactive Streamlit application for users to input context and questions and receive answers in real-time.