

ABHISHEK YADAV

21it3003@rgipt.ac.in | +91 7985459061 | Jankipuram Extension, Lucknow
[Portfolio](#) | [Linkedin](#) | [GitHub](#) | [LeetCode](#) | [CodeChef](#)

EDUCATION

2021-Present	RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY INFORMATION TECHNOLOGY Bachelors <i>CGPA: 9.07/10</i>	JAIS, AMETHI, UTTAR PRADESH
2019 - 2020	RAMESHWARAM INTERNATIONAL ACADEMY <i>Science, Senior Secondary (XII), Percentage: 88.4%</i>	LUCKNOW, UTTAR PRADESH
2017-2018	RAMESHWARAM INTERNATIONAL ACADEMY <i>Secondary (X), Percentage: 89%</i>	LUCKNOW, UTTAR PRADESH

EXPERIENCE

May -24 - Present	IME TECHNOLOGIES AND CONSULTANCY PVT LTD <i>Intern – Software Engineer Intern</i>	N-1201, The Trees, Vikhroli E, Mumbai
	<ul style="list-style-type: none">• Commodity Price Forecasting Dashboard• Developed a comprehensive web application dashboard using Django and Microsoft SQL Server for forecasting and visualizing commodity prices.• Visualized forecasted and actual prices using Apex Charts for dynamic and interactive data representation.• Enabled users to perform "What If Analysis" to compare different forecasting scenarios and visualize the impact of variable changes.• Generated detailed commodity summaries and correlation matrices to provide insights into price influencing factors.• Designed interactive charts and tables to display model accuracy, important variables affecting prices, and historical data trends.• Utilized Django's ORM models to streamline database interactions, ensuring efficient data retrieval and manipulation for various features.• Technology Tools Used: Languages: Python, HTML, CSS, JavaScript Libraries and tools: Django, numpy, pandas, pymssql, ApexCharts, Bootstrap Backend: Microsoft SQL Server, Azure	
Dec 2023-Present	GEEKSFORGEEKS RGIPT SC TECHNICAL HEAD <i>JAIS, AMETHI, UTTAR PRADESH, 229304</i>	

SKILLS

- Programming Languages: C, C++, Python (Data Science & Machine Learning), JavaScript, HTML, CSS
- Libraries/Frameworks: Django, NumPy, pandas, Matplotlib, TensorFlow, PyTorch, scikit-learn, API
- Tools / Platforms: pythonanywhere, 000webhost, GitHub
- Databases: MySQL, SQLite

Projects

[Healthcare Intelligence: AI-Driven Disease Prediction](#) | [GitHub](#)

scikit-learn, Django, NLP,

Google-Generative AI, speechRecognition, Pandas, HTML, CSS, JavaScript

- Developed an AI-based system for disease prediction from user-provided symptoms.
- Generated detailed patient reports including disease predictions, descriptions, precautions, and medication suggestions
- Implemented a user-friendly interface with dynamic input chatbox, voice search, and location integration using Django.
- Created an AI Health Assistant providing health tips, symptom causes, precautions, home remedies, medication guidance, and nearby hospital locations.

[Object Detection using the YOLO model](#) | [GitHub](#)

Python, transformers library, OpenCV

- Developed a Python script for object detection using the Yolov8 model.
- Utilized the transformers library for Yolov8 model integration.
- Incorporated image processing techniques with the PIL and OpenCV libraries.
- Integrated pre-trained Yolov8 model (yolov8-tiny) for object detection tasks.
- Processed input images and generated bounding boxes using the Yolov8ImageProcessor.
- Successfully detected objects with high confidence levels (>90%) and displayed the results visually.