

Kunal Paliwal

email: kunalpaliwal2003@gmail.com

phone: +91 9929222647

Technical Skills:

github: <https://github.com/kunalpaliwal13>

- **Machine Learning & AI:** Python (NumPy, Pandas, Scikit-learn), Data Labeling, NLP
- **Web/App Development (Secondary):** HTML, CSS, JavaScript, Flask, ReactJS, React Native, NodeJS, Java
- **MLOps & Backend:** Kafka, PySpark, SQLite, MongoDB

Certification:

- Applied Machine Learning in Python, Coursera(Feb 2023)

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE) AI/ML	Sep 21 –Ongoing	Vellore Institute of Technology, Bhopal	8.45/10
Class XII	July 21	Sir Padampat Singhania School, Kota	86.8%
Class X	May 19	Sir Padampat Singhania School, Kota	94.4%

ACADEMIC PROJECTS

Full Stack + ML (Team Project)	Food Demand Forecasting (Nov 23 – Feb 24) : Github Link <i>An industry-level project development for a food demand forecasting application</i> Technology: Python, PowerBI, DVC, MLFlow, MongoDB, SQLite, Kafka, Pyspark Role: Data Pipelining
Frontend + ML (Individual Project)	Calpred: AI web-app to track your workout (Aug 23 – Sep 23) : Link Github <i>The project focuses on developing an end-to-end ML solution for predicting calories burnt, and providing personalized fitness insights to individuals.</i> Technology: AutoML, Scikit-learn, HTML, CSS, JavaScript, Plotly, Flask
Full Stack + ML (Individual Project)	Agriculture based ML Webapp (Dec 23 – Feb 24) : Link Github <i>A one-step solution to replace the primitive agriculture methods, where farmers can find many functionalities at one place.</i> Technology: Flask, HTML, CSS, JavaScript, Scikit-learn

EXPERIENCE

Data Analyst Intern	The PreProd Corp (Nov 2023 – May 2024) <ul style="list-style-type: none">- Implemented Kafka messaging queue for real-time data transfer along with pyspark for data streaming from inventory systems, processing 900k rows in 2-second batches of 100k.- Engineered a Data and ML pipeline to predict food demand from restaurant data processing 100K data samples and reaching RMSE of 63.- Developed and launched the 1st e-commerce website for a startup client using Odoo web hosting, enhancing online presence and sales capabilities
---------------------	---