

RAJ KUMAR

Patna, Bihar

☎ +91-8873398687

✉ rajkr8369@gmail.com

🌐 [Raj Kumar](#)

🔊 [Raj Kumar](#)

📺 [Raj Kumar](#)

EDUCATION

Cimage Professional College
BCA –

2021 – 2024
Patna, Bihar

BN Collegiate High School
Intermediate – PCM

2019 – 2021
Patna, Bihar

PROJECTS

Advance HealthCare App [🔗](#) | [Numpy](#), [Pandas](#), [Scikit-learn](#), [Tensorflow](#), [LLM](#), [RAG](#)

2024

- This is an advanced healthcare app where users can check their disease-related health status from anywhere and at any time. This healthcare web-app saves users money from continuously visiting doctors' clinics.
- I have included a chatbot that is responsible for answering all questions related to health diseases effectively.
- The Chatbot is build with the help of LLM Model like Ollama and RAG with the help of Langchain Framework..

Flight Price Prediction [🔗](#) | [Numpy](#), [Pandas](#), [Scikit-learn](#), [Feature engine](#), [AWS](#)

2024

- Application of machine learning in the aviation industry, leveraging Amazon Sagemaker.
- In this project, we are leveraging Amazon Sagemaker, a fully managed service for building, training, and deploying machine learning models.
- This Project aims to provide travelers and airlines with accurate forecasts of future flights ticket prices..

Credit Risk Modeling using Machine Learning [🔗](#) | [Numpy](#), [Pandas](#), [Scikit-learn](#), [XG-Boost](#)

2024

- This is a sophisticated analytical approach that leverages vast dataset and powerful algorithms to evaluate and predict the creditworthiness of borrowers.
- By analyzing historical data on loan performance, economic indicators, and borrower characteristics we use Machine Learning models that can accurately estimate the probability and based this we can act whether we need to pass the loan to this person or not.

Work Experience

Omdena [🔗](#)

2023 – Recent
Remote

Junior ML Engineer - Open-source

- Actively contributing on Omdena as Junior ML Engineer.
- In Omdena, we are responsible for write codes for Data collection, Exploratory Data Analysis, Model Building and Model Deployment.
- Led and co-led critical tasks in Omdena, mentoring and guiding over 50 global collaborators to ensure cohesive and effective project execution, resulting in a 40 percent increase in project completion rates.
- In Omdena, gained skills related to Leadership, collaboration ,Teamwork, Communication skill and know how actually AI product is Build in a collaborative Environment and in an organisation.

TECHNICAL SKILLS

Languages: Python, C++, SQL

Developer Tools: VS Code, Pycharm, Jupyter Notebook

Data Science: Machine Learning, Deep Learning, Natural Language Processing (NLP), LLM

Frameworks/Libraries: Tensorflow, Scikit-learn, Numpy, Pandas, Matplotlib, Seaborn, Falsk

Tools: Git, GitHub, Docker, Power BI, Daghub

CERTIFICATIONS

- Data Science Masters - PW SKILLS
- Master Data Management - TCS
- Python Programming Course - LearnVern
- Python for Data Science - IBM
- ML Intern - BharatIntern
- Microsoft AI Skill Learn Challenge - Microsoft
- Letter Of Recommendation - Omdena