# Naimish Padhan

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Linkedin | GitHub

## Career Objective

I am a passionate AI/ML enthusiast aiming to make an impact as a Data Scientist or Data Analyst. I enjoy uncovering patterns and building intelligent systems using ML, DL, and NLP. Skilled in Python, R, SQL, and modern tools, I turn complex data into actionable insights. Interested in contributing to real-world AI solutions within a collaborative, growth-focused team.

## Technical Skills

- **Languages:** R, Python, SQL, HTML, CSS
- **Technologies:** Machine Learning, Deep Learning
- **Tools & Frameworks:** Numpy, Pandas, Scikit-learn, Tensorflow, Keras, Hugging Face, Ms-Excel, IBM-SPSS, Tableau, Power BI
- **Version Control System & Operating Systems:** Git, GitHub, Windows, Linux

## Education

**Central University of South Bihar, Gaya** 2023 – 2025

Master in Data Science and Applied Statistics

**Government Autonomous College, Rourkela** 2020 – 2023

Bachelor of Science in Statistics

## Projects

**Smart Lecture Assistant** **GitHub/repo**

- Designed and developed a Flask-based web application that automates lecture summarization, MCQ generation from uploaded video or PDF lecture content.
- Tools Used: Leveraged **Python**, **Flask**, **Whisper**, **Google Gemini API**, **Google Translate**, and **FPDF** for speech-to-text, NLP processing, multi-language support, and downloadable outputs.
- Results: Enabled users to generate high-quality summaries, quizzes, and study aids within seconds enhancing learning efficiency and comprehension. Successfully integrated advanced AI models for educational content extraction and personalization.

**Crop Recommendation System** **GitHub/repo**

- Developed a machine learning model to recommend the most suitable crop for cultivation based on state and season, using historical agricultural data from data.gov.in.
- Tools Used: Utilized **Python**, **Pandas**, **Scikit-learn**, **Flask**, and **Matplotlib** for data preprocessing, feature scaling, model training, and web deployment.
- **R**esults: Achieved high accuracy of 79% using classification algorithms (Random Forest) by analyzing key factors like crop productivity, area, and production. Successfully deployed the model as a user-friendly web app for real-time crop recommendations

## Certifications

- **Cloud Computing** | NPTEL
- **The Data Scientist's Toolboox** | Coursera