

# GOURANG PATIDAR

Data Scientist

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 [LinkedIn Profile](#)

 [GitHub Profile](#)

• [Leetcode](#)

## EDUCATION

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### •Jabalpur Engineering College

*Bachelor of Technology in Artificial Intelligence And Data Science*

2021-25

CGPA: 7.6

## EXPERIENCE

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### •ML Engineer (Intern)

*ineuron.ai*

Aug 2023 - Sep 2023

Remote

- Achieved **94%** accuracy in sentiment analysis on student feedback data using **NLTK**.
- Built predictive models using **TensorFlow**, reducing forecasting errors by **21%**.
- Conducted **A/B testing** on machine learning models to identify optimal configurations, leading to an **11% increase** in user retention.

### •Data Analyst (Intern)

*ineuron.ai*

Oct 2022 - Dec 2022

Remote

- Used Python **clustering methods** to identify groups of states where courses were underperforming, leading to improvements that increased profit by 4%.
- Assisted in developing a **recommendation engine** using collaborative filtering techniques, resulting in a **22% rise** in user interaction with recommended listings.

## PROJECTS

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### –Building (TheQuickAI)

A **Gen-AI** based AWS-hosted website showcasing a collection of various products.

- \* Launched a **Generative AI SaaS** that generates quizzes from four input types (Text, Video URL, Blog URL, PDF), allowing users to share and download them as Question papers, reducing time spent **by 40%**.
- \* Designed and implemented a solution on **AWS EC2** using the **Django Framework**, ensuring 99.9% uptime and enhancing reliability for **50+ daily users**.
- \* Enabled manual and AI-generated quiz creation, facilitating competitive online assessments with features like auto-grading, and integrated teacher/student dashboards.

### –Text Summarizer

A trained NLP model that summarizes text using a dataset of 27,000 rows.

- \* Processed raw text from sources using Python and libraries such as **transformers** and **torch**.
- \* Engineered a summarization model with AutoModelForSeq2SeqLM and AutoTokenizer, reducing manual summarization time **by 50 hours/month** and streamlining workflows.
- \* Optimized the summarization model using TrainingArguments, Trainer, and DataCollatorForSeq2Seq, boosting accuracy by **40%** and reducing processing time **by 25%**.

### –Insurance Premium Prediction

An End-to-End ML project deployed on **Elastic Beanstalk** and **CodePipeline of AWS**

- \* Estimated individual healthcare costs to help customers focus on the health benefits of insurance plans.
- \* Developed **APIs using Flask** and optimized model performance with **GridSearchCV** and **Cross-Validation**.
- \* Implemented data preprocessing, feature engineering, and visualization to enhance accuracy and provide actionable insights.

### –Google Play Store Data Analysis

A dataset containing 10,000 rows and 14 columns analyzed in a Jupyter notebook.

- \* Identified approximately **22 insights** using NumPy, Pandas, Seaborn, and Matplotlib.
- \* Created a Power BI dashboard that demonstrated data intuitively.

## TECHNICAL SKILLS AND INTERESTS

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**Machine Learning:** Python, Scikit-learn, AWS, Azure, ML Algorithms, Mathematics, Linear Algebra

**Data Analytics:** NumPy, Pandas, EDA, PowerBI, MS Excel, MySQL, Matplotlib, Seaborn, Statistics & Probability

**Deep Learning:** Natural Language Processing, TensorFlow, Keras, Neural Networks, Transformers, BERT, Pytorch

**Gen-AI:** LLMs, Langchain, Llama Index, OpenAI, Gemini Pro, LangGraph, RAG, REST API, ClaudeAI