

PRATIKA BIHARI

Data Scientist – AI/ML Engineer – Generative AI Specialist

+91-7008453212 @ pratikbihari@gmail.com
https://www.linkedin.com/in/pratika-bihari-96a22a89/ https://github.com/PratikBihari India



EXPERIENCE

Senior Programmer - AI/ML & Data Science National Informatics Centre (NIC), Ministry of Electronics & IT

- 07/2022 Nagpur, India
- Government organization focusing on providing digital solutions and services
- Led AI implementation for Western Coalfields Limited's e-procurement platform serving **10+ operational areas** with thousands of transactions annually
 - Engineered scalable **ML pipelines** for data cleaning, feature engineering, and predictive analytics, improving decision-making **efficiency by 25%**
 - Built regression models and **time-series forecasting** for resource optimization, driving 15% cost savings in procurement operations
 - Developed **GenAI solutions** for document intelligence, reducing manual processing time by 40%

System Engineer - Data Analytics & Backend Development Prava Associates Pvt. Ltd

- 08/2021 - 06/2022 Bhubaneswar, India
- Company specializing in IT solutions and consultancy services
- Designed scalable backend systems using Python and SQL, **achieving 20%** improvement in reporting efficiency
 - Contributed to ERP module integration, streamlining workflows and enhancing data integrity

Software Engineer - Data Analysis & Automation Espire System Pvt. Ltd

- 11/2019 - 07/2021 Mumbai, India
- Software company delivering IT solutions across various domains
- Developed enterprise applications with focus on data analysis and visualization
 - Implemented automation scripts reducing manual workload by **30%**, **integrated BI tools** for data accessibility

EDUCATION

Bachelor of Technology in Aeronautical Engineering Bhubaneswar Engineering College

08/2013 - 05/2017 Bhubaneswar, India

Full Stack Data Science BootCamp 2.0 iNeuron

11/2023 - 11/2024 Bengaluru, India

SUMMARY

I am an AI Engineer with over **5 years** of experience in building production ML systems, generative AI solutions, and scalable data pipelines. My expertise includes **RAG**, **LLM** orchestration, and **agentic AI**, along with **MLOps**. I have a proven track record of delivering significant improvements in e-procurement, ERP, and GovTech sectors

KEY ACHIEVEMENTS

- AI Implementation for E-Procurement**
- Successfully led the implementation of AI solutions that significantly enhanced operational efficiencies and reduced costs

SKILLS

MLOps	Python	SQL	N8N
RAG	Pandas	Numpy	
Scikit-Learn	Time Series		
Predictive Analytics	NLP	REST	
Microservices	Microsoft Power BI		
Plotly	LangChain	LangFlow	
LLM	Generative AI		

PROJECTS

Key Projects & Impact

- Various projects focusing on AI, automation, and data analytics
- Built retrieval-augmented generation system for document search, reducing query response time by 60%
 - Designed multi-agent systems using n8n and LangChain for task orchestration, improving throughput by 35%
 - Created ML pipeline for trend analysis supporting decisions for 500+ stakeholders