

PROFESSIONAL SUMMARY

Data scientist with expertise in **Machine Learning, Deep Learning, NLP, MLOps, and Cloud Computing**. Proven track record in **predictive modeling, automation, and AI-driven solutions**. Skilled in **Big Data analytics, Data Engineering, ETL, and Data Warehousing** to optimize business performance and decision-making. Adept at **deploying AI/ML models on AWS, Docker, and Kubernetes** for scalable applications.

SKILLS

- ✓ **Programming & Data Science:** Python, SQL, RStudio, NumPy, Pandas, Scikit-Learn, PySpark
 - ✓ **Machine Learning & Deep Learning:** TensorFlow, PyTorch, CNNs, Transformers, Generative AI
 - ✓ **NLP & Generative AI:** LLMs, Hugging Face, Named Entity Recognition (NER), Text Classification, LangChain
 - ✓ **MLOps & Cloud Deployment:** AWS (SageMaker, Lambda, S3), Docker, Kubernetes, CI/CD, Jenkins
 - ✓ **Big Data & Data Engineering:** ETL Pipelines, Data Warehousing, Apache Spark, Hadoop
 - ✓ **Business Intelligence & Visualization:** Power BI, Tableau, Matplotlib, Seaborn
 - ✓ **Version Control & Collaboration:** Git, GitHub
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EXPERIENCE

Data Scientist (Project Manager)

Kruti Group (Kruti Techno Engineering Pvt. Ltd.) | April 2024 – Present

- Spearheaded a **15% revenue increase** using **predictive analytics and pricing optimization**.
- Designed **end-to-end data pipelines** for efficient model deployment and automation.
- Led a **data governance initiative**, improving data accuracy by **25%** and reducing retrieval time by **40%**.
- Optimized SQL queries, **reducing processing time by 50%**.

Data Analyst

Kruti Group (Kruti Techno Engineering Pvt. Ltd.) | April 2023 – March 2024

- Led **data analysis projects**, improving business efficiency by **20%**.
- Built **automated dashboards for real-time financial metrics tracking** using Power BI and Python.
- Enhanced **predictive models**, increasing accuracy by **18%**.

Data Administrator

Kruti Group (Kruti Techno Engineering Pvt. Ltd.) | October 2021 – March 2023

- Optimized databases, **reducing query execution time by 50%**.
- Automated SQL workflows, cutting manual workload by **35%**.

Indian Institute of Management Nagpur

🔗 Postgraduate Program in Data Science for Business Excellence & Innovation (2022)

- Specialized in **predictive analytics**, **ML algorithms**, and **data-driven strategy development**.

Chhatrapati Shahu Ji Maharaj University, Kanpur

🔗 Bachelor's Degree in Mathematics (2011)

- Strong foundation in **statistical modeling**, **calculus**, and **analytical problem-solving**.
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PROJECTS

AWS Bedrock Blog Generation Chatbot | February 2025

- Developed an **AI chatbot for automated content generation** using AWS Bedrock.
- Integrated **LLMs & Prompt Engineering** for enhanced contextual accuracy.

PDF Chatbot System | November 2024

- Created an **AI-driven chatbot** to streamline **document-based interactions**.
- Achieved **seamless cross-platform accessibility**.
- App link—
- <https://2ac8743a-9100-4e65-90d7-3f016ea3dbc001ud4n9fkb9kd.janeway.repl.it/d/ev/>

ATS Chatbot System | August 2024

- Built an **AI-powered resume screening system** to optimize hiring efficiency.
- Improved **resume ranking & candidate selection accuracy**.

Smart Attendance System (Facial Recognition) | July 2023

- Developed an **AI-based attendance system**, achieving **99.5% accuracy** in facial recognition.
- Successfully **integrated with existing IT infrastructure**.

IPL Win Prediction Model | July 2021

- Built an **ML model** to predict **IPL match outcomes** with **75% accuracy**.
 - Managed **data pipeline**, **preprocessing**, and **visualization**.
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