

Preethu Nath Manjunath

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OBJECTIVE

Data Scientist with 4+ years of experience in AI/ML, NLP, and data analytics. I thrive on building smart, scalable solutions, whether it's developing LLM-powered automation, optimizing workflows, or turning raw data into actionable insights. Passionate about solving complex problems with data and creating meaningful impact through AI-driven decision-making.

EXPERIENCE

Data Consultant

KOBEYO, Basalt, CO, USA

Dec. 2024 – Present

- Designed and deployed interactive dashboards using Tableau and Supabase, reducing manual job-seeking efforts by 35% and saving users 3+ hours daily.
- Conducted geospatial job market analysis, improving database coverage by 40% and enhancing employer-seeker matchmaking.
- Automated data ingestion pipelines, optimizing reporting and cutting query execution time by 50%, enabling faster decision-making.
- Tech Stack: Tableau, Supabase, Data Pipelines, Holistics, Python, LLMs

Data Science Intern

CodeModulo Technologies Pvt. Ltd., Bengaluru, India – Remote

Jul. 2024 – Sep. 2024

- Developed a business intelligence dashboard for a retail client, integrating sales, inventory, and customer data, leading to a 15% sales increase through optimized inventory management.
- Enhanced chatbot performance by integrating LLMs (LLaMA, Claude), improving text summarization and reducing query resolution time by 30%.
- Tech Stack: Python, SQL, NLP (spaCy, NLTK), AWS (SageMaker, Glue, S3, Lambda), Power BI, LLaMA, Claude.

Graduate Research Assistant

Leeds School of Business, University of Colorado, Boulder, CO, USA

Jul. 2024 – Sep. 2024

- Developed LLM-powered models to analyze and predict human behavior, enhancing research insights.
- Automated data collection using web scraping, cutting manual efforts by 60% with Selenium and BeautifulSoup.
- Tech Stack: Hugging Face Transformers, LangChain, OpenAI API, Selenium, BeautifulSoup, Python, Pandas, NumPy.

Data Scientist (Consultant)

Deloitte Consulting USI, Bengaluru, India

Jan. 2022 – Jul. 2023

- Automated NLP models to process 1,000+ daily news alerts, achieving 90% accuracy and reducing manual effort by 2 hours/day.
- Received Spot Award for developing an AI-driven risk event tracking system, which improved real-time supplier monitoring efficiency by 30% on a global scale.
- Developed proof-of-concept LLM solutions for document automation, conversational AI, and stable diffusion-based image generation, enhancing business intelligence capabilities.
- Built an automated data ingestion pipeline to capture data directly, eliminating manual collection and third-party reliance, thereby reducing user costs by 15%.
- Tech Stack: Python, NLP, NER, spaCy, AWS (Glue, S3, SageMaker, Lambda, Step Functions), Retrieval-Augmented Generation (RAG).

Data Scientist (Associate Software Engineer)

Hexaware Technologies, Chennai, India

Oct. 2020 – Dec. 2022

- Developed a custom NER model for a retail client, achieving 70% accuracy, enabling efficient entity recognition from unstructured text.
- Built a loan default prediction model using XGBoost, improving recall to 93%, enhancing risk assessment and decision-making.
- Optimized data pipelines for machine learning workflows, reducing processing time and improving model deployment efficiency.
- Tech Stack: Python, spaCy, XGBoost, AWS (SageMaker, Step Functions, S3, Lambda).

SKILLS

Programming Languages: Python, C/C++, R, Java, HTML/CSS

Machine Learning & NLP: Scikit-learn, XGBoost, TensorFlow, NLP (spaCy, NLTK), Hugging Face Transformers, Statistical Analysis, A/B Testing; Large Language Models (OpenAI API, LangChain, LLaMA, Claude, Retrieval-Augmented Generation (RAG))

Cloud & DevOps: AWS(Lambda, Glue, S3, Redshift, SageMaker, ECS, EC2, API Gateway, CloudWatch); Azure(MLOps, Virtual Machines, WebApps); DevOps(Docker, CI/CD (GitHub Actions, Jenkins))

Databases & Analytics: SQL (PostgreSQL, Snowflake), MongoDB, Supabase, Power BI, Tableau(Prep, Desktop, Online, Server)

Other Tools: Git/GitHub, VS Code, DataRobot, Dataiku, JIRA, Flask, FastAPI

EDUCATION

University of Colorado, Boulder, USA

Masters in Data Science

May 2025

GPA: 3.67/4.0

CERTIFICATION

Microsoft Certified: Azure Fundamentals

Microsoft Certified: AI Fundamentals

Google Cloud Certified (Coursera): MLOps Fundamentals

DataRobot Certified: DataRobot for Data Scientist