

Preethu Nath Manjunath

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EDUCATION

University of Colorado, Boulder, USA

Aug. 2023 - May 2025

Masters in Data Science (GPA: 3.67)

SKILLS

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

Web Development: Flask, FastAPI

Cloud Services: AWS (Serverless: Lambda, Fargate; Data: Redshift, Glue, S3; Compute: ECS, EC2; Monitoring: CloudWatch; Networking: API Gateway) **Microsoft Azure** (MLOps, Virtual Machines, WebApps) **DevOps:** Docker, CI/CD (GitHub Actions), Jenkins

Databases: SQL (Postgres, Snowflake), MongoDB

Machine Learning & NLP: Supervised & Unsupervised Learning, Model Optimization, Scikit-learn, XGBoost, TensorFlow, Pandas, NumPy, Matplotlib, NLP (spaCy, NLTK), Statistical Analysis, A/B Testing

Other Tools: Git/GitHub, VS Code, Power BI, Tableau, DataRobot, Dataiku, JIRA

EXPERIENCE

KOBEYO, Basalt, CO, USA

Dec. 2024 - Present

Data Consultant Intern

- Designed and deployed interactive dashboards using Tableau and Supabase, enabling real-time job market insights and reducing manual job-seeking efforts by 35%, saving users over 3hrs/day.
- Conducted geo-spatial job market analysis, identifying underrepresented job locations and improving database coverage by 40%, enhancing employer-seeker matchmaking.
- Automated data ingestion pipelines, optimizing reporting structures and reducing query execution time by 50%, leading to faster data-driven decision-making.
- Tech Stack: Tableau, Supabase, Data Pipelines, Holistics, Predictive Analytics.

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

Jul. 2024 - Sept. 2024

Data Science Intern

- Developed a comprehensive business intelligence dashboard for a retail client, integrating sales, inventory, and customer data to provide real-time insights, which led to a 15% increase in sales through optimized inventory management.
- Utilized LLMs like LLaMA and Claude to enhance text summarization and intent detection in chatbot interactions, improving customer query resolution time by 30%.
- Tech Stack: Python, SQL, NLP (spaCy, NLTK), AWS (SageMaker, Glue, S3, Lambda), Power BI, LLaMA, Claude.

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

Jun. 2024 - Sept. 2024

Graduate Research Assistant

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

Deloitte Consulting USI, Bengaluru, India

Jan. 2022 – Jul. 2023

Consultant (Data Scientist)

- Developed automated NLP models for 1000+ Daily News Alerts with 90% accuracy and reducing manual efforts by 2hrs/day and was rewarded Spot Award for building an AI/ML solution to track Risk Event Scenarios which helped the client automate the process and track Supplier events across the globe.
- Worked on POC for providing an alternate source for getting the data using multiple NewsAPI's for example: GNews, NewsCatcher API, NewsAPI, which would help in cost-cutting.
- Employed LLM models to develop proof-of-concept solutions for a client. Achieved success in projects involving PDF conversion automation, conversational AI for long text summarization, and creative image generation using stable diffusion.
- Tech Stack: Python, NLP, NER, spaCy, AWS (Glue, S3, Sagemaker, Lambda, Step Functions), Retrieval-Augmented Generation (RAG).

Hexaware Technologies, Chennai, India

Oct. 2020 – Dec. 2021

Associate Software Engineer (Data Scientist)

- Developed a custom NER model for a retail client, achieving 70% accuracy, and built a loan default prediction model using XGBoost, improving recall to 93%.
- Tech Stack: Python, spaCy, XGBoost, AWS (Sagemaker, Step Functions, S3, Lambda).

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: AI Fundamentals
- Google Cloud Certified (Coursera): MLOps Fundamentals
- DataRobot Certified: DataRobot for Data Scientist