

# RISHI NAIDU CHODAVARAPU

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## EDUCATION

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- BS in Computer Science, UT Dallas (Expected graduation – May 2026)
- Relevant Coursework: Data Structures and Algorithms, Machine Learning, AI, Database Systems, Software Engineering
- Authorized to work in the United States; U.S. citizen, no sponsorship required.

## Technical Skills

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| • Programming Languages | Python, C/C++, Java, SQL, R  |
| • Web & JS Frameworks   | Node.js, React, JavaScript, HTML/CSS   |
| • Databases             | MySQL, PostgreSQL, Redshift  |
| • Cloud Platforms       | AWS, Google Cloud Platform (GCP)   |
| • GenAI                 | LangChain, Chroma, Streamlit, OpenAI/GPT, Anthropic                              |
| • AI/ML Frameworks      | AWS Sagemaker, TensorFlow, gRPC, OpenCV  |
| • Tools                 | CursorAI, Git, Docker, Visual Studio, VS Code, PyCharm, IntelliJ, Protobuf, Jira |
| • Analytics             | PowerBI  |

## Work Experience

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1. **Data Scientist (Intern) | Boardwalk Pipelines, Houston, TX | May 2025 – Aug 2025**
  - Developed forecasting models and Power BI dashboards, driving data-driven insights and reporting across analytics teams.
  - Supported IT migration and production deployment using AWS EventBridge, Lambda, and Step Functions while enhancing ML applications like ForeSight, StorageForecast, Burn Notices, and Power Plant Load Forecaster with SageMaker and Power Automate.
  - Queried, analyzed, and visualized large datasets using SQL and Power BI for data modeling, performance monitoring, and cost optimization.
  - Presented in monthly Data Analytics and Data Science user groups, sharing project results and technical insights.
2. **Amazon Locker+ Associate | Whole Foods Market (Amazon), Plano, TX | Oct 2024 – Dec 2024**
  - Assisted customers with pickups, returns, and inquiries while managing inventory, organizing packages, and ensuring timely order processing.
  - Maintained workplace safety and cleanliness, collaborating with Whole Foods and Amazon teams to meet delivery and customer satisfaction goals.

## Projects

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1. **RAG Assistant for Q&A on PDF Files - Personal Project | Fall 2024 | Langchain, OpenAI**
  - Developed a RAG assistant leveraging vector stores and embeddings to retrieve content from operations and maintenance manuals and generate context-aware responses using GenAI models
  - Tech Stack: Python, LangChain, GPT4.o, and Chroma, Streamlit.
2. **Data Agent using OpenAI – Personal Project | Fall 2024 | Langchain, OpenAI**
  - Built a Data Agent on SQLite that enables natural language queries for case status, analysis, allocations, and time tracking, with planned features for Excel export and chart visualization.
  - Tech Stack: Python, LangChain, GPT4.o, SQLite, Streamlit.
3. **Integrated Playwright MCP – Spring 2025 | Langchain, OpenAI**
  - Integrated a Playwright MCP with Cursor AI and also with custom chatbot to automatically generate and execute test automation scripts,
  - Tech Stack: Python, LangChain, OpenAI GPT-4o, Playwright MCP, Cursor AI
4. **Multi-source RAG – Spring 2025 | Langchain, OpenAI**
  - Developed a multi-source RAG pipeline where the LLM retrieves from structured Excel data first, then from document corpus, and finally blends with public corpus if needed, with response grading implemented for accuracy.
  - Tech Stack: Python, LangChain, Lang-graph, OpenAI GPT-4o

(Please have a look at my website for more interesting projects)

## Leadership Experience

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### Vice President, Minecraft Club | UTD | Fall 2024 - Present

Organized and hosted weekly Minecraft events for 100+ members, leading collaborative building projects and in-game competitions that promoted teamwork and problem-solving. Managed the club's server, ensuring smooth gameplay and resolving technical issues. Increased membership by 20% through effective social media promotions and engaging club activities.