

Chethan S



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📅 31 Aug 1999

🚩 Indian

 Kaggle

 Github

 LinkedIn

Profile

Gen AI Engineer with expertise in Machine Learning, NLP, Deep Learning, and Generative AI. Proven ability to develop and deploy AI-driven solutions with a strong foundation in RAG-based architectures, cloud services, and AI model validation. Passionate about building scalable AI applications and ensuring compliance with security and ethical AI standards.

Languages

English, Kannada, Tamil, Hindi

Awards

Drill


Achieved 2nd place as Parade Commander in the Foot Drill Competition organized by BIT College, Coimbatore.

Marathon

Secured 9th place in the 10k category of the Airol Greenathon(Marathon), Navi Mumbai.


Education

B.E. Robotics and Automation

PSG College of Technology 

Aug 2018 – May 2022 | Coimbatore, India

12th State Board(PCCM)

Ebenezer Matriculation Higher Secondary School 

Jun 2016 – Jun 2018 | Tirupathur, Vellore, India

Professional Experience

Capgemini

Senior Analyst

Sep 2022 – present | Bengaluru, India

Skills

Programming Proficiencies:

Python, SQL

Data Processing Tools:

Dataiku, Databricks, Azure Data Factory

AI/ML:

Machine Learning, Natural Language Processing, Deep Learning.

Generative AI:

Azure OpenAI, Langchain, HuggingFace, RAG

Certificates

AI-102

Azure AI Engineer Associate 

AI-900

Azure AI Fundamentals

AZ-900

Azure Fundamentals

Generative AI for Data Scientist

Coursera, *Specialization*, IBM

Machine Learning with Python

Coursera, IBM

Dataiku

Core Designer and ML Practitioner

Projects

Validation Framework

Chatbot validation

Developing a framework to validate RAG-based chatbot responses for accuracy, security, and ethical compliance. Ensuring secure, context-relevant outputs with robust guardrails across various domains.

RedLab

Chatbot Testing

Built a GenAI chatbot testing framework using Python, a Red Team approach to improve reliability and deployed on AWS. Created Red and Green apps for adversarial testing and validation, with detailed reporting.

Trade Promotions (POC)

Built a technical architecture for a RAG-based chatbot with guardrails for secure, accurate responses. Created a demo version to showcase its functionality and compliance with the guardrails.

Alteryx to Dataiku (POC)

Extracted data from YXMD files to generate corresponding PySpark functions. Developed a Python accelerator replicating Alteryx functions using PySpark in Dataiku.

Organizations

Student's Union

Core Member

Sep 2019 – Jun 2021 | Coimbatore, India

NCC

Cadet Sergeant Major

Sep 2018 – May 2021 | Coimbatore, India