

# Chethan S



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kaggle Kaggle

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## PROFESSIONAL EXPERIENCE

**Senior Analyst, Capgemini**

Sep 2022 – present | Bengaluru, India

## PROFILE

Detail-oriented data specialist with a knack for turning data into actionable insights. Experienced in spotting opportunities and improving processes to help company grow. Passionate about using data to solve problems and drive innovation.

## LANGUAGES

English, Kannada, Tamil, Hindi

## 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

## CERTIFICATES

**Machine Learning with Python** ☑ – Coursera, IBM

**Dataiku** – Core Designer and ML Practitioner

**AZ-900** ☑ – Azure Fundamentals

**Generative AI for Data Scientist** ☑ – Coursera, IBM

**AI-900** ☑ – Azure AI Fundamentals

## SKILLS

**Programming Proficiencies:** – Python, PySpark, SQL

**Tools:** – Dataiku, Databricks, Azure Data Factory

**Data Science:** – Machine Learning, Natural Language Processing, Deep Learning.

**Generative AI:** – Azure OpenAI, Langchain, HuggingFace, RAG

## PROJECTS

**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.

**Adobe ColdFusion to .Net (POC)**

Leveraged Azure OpenAI and open-source LLMs to assess conversion accuracy. Built a Python accelerator for functions with lower accuracy in the LLM evaluations.

## ORGANIZATIONS

**Student's Union, Core Member**

Sep 2019 – Jun 2021 | Coimbatore, India

**NCC, Cadet Sergeant Major**

Sep 2018 – May 2021 | Coimbatore, India

## 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 Airoli Greenathon(Marathon), Navi Mumbai.