



# Naveenkumar D

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## 👤 SUMMARY

A passionate software developer with expertise in AI, ML, and data engineering. Proficient in Python and SQL, experienced in building data pipelines, ML projects, data analysis and automation. Known for problem-solving, teamwork, and tackling challenges. Seeking opportunity to learn, and contribute to organizational success.

## 🎓 EDUCATION

### Sri Shakthi Institute of Engineering and Technology

Coimbatore, India

B.Tech in Artificial Intelligence and Data Science  
CGPA 8.44

### Trinity Matriculation Higher Secondary School

Coimbatore, India

HSC: 86% | SSLC: 88%

## 🧠 SKILLS

**Programming Skills:** Python & SQL

**Tools:** Apache Airflow, Docker, AWS, PowerBI, Snowflake, DBT, Scikit-learn, Pandas, Matplotlib & Git

**Soft Skills:** Problem-Solving, Leadership, Critical thinking & Teamwork

## 🧩 AREAS OF INTEREST

- Cloud Computing
- Data Engineering
- Machine Learning

## 🏆 LEADERSHIP & ACHIEVEMENTS

- KGISL Hackathon 2022: Won first prize and a cash reward
- Intel Unnati Programme: Led a team and completed a hands-on training program
- Event Leadership: Organized and headed two technical events in the KALAM Tech Event (AI&DS Department)

## 📁 PROJECTS

### Knowledge Representation

Developed an AI solution for structured data analysis, enabling insights generation, charts creation, CSV data interaction via chat functionality, and automated ML model generation with an easy to use streamlit webapp.

**Tech Stack:** Python, SQLAlchemy, SQLite, Google Gemini LLM, LangChain, Streamlit, Pandas & Scikit-learn

### Word Smith - RAG-Based ChatBot

AI Chatbot powered by Retrieval-Augmented Generation (RAG) technology. It allows users to upload PDF documents and engage in conversations based on the content of those documents.

**Tech Stack:** Python, Streamlit, LangChain, Google Gemini LLM, Hugging Face Instructor Embeddings, ChromaDB

### ELT Data Pipeline

Designed an ELT pipeline using Apache Airflow for orchestration, DBT for transformation, and Snowflake as the data warehouse. Visualized insights through Metabase and email notifications for real-time updates.

**Tech Stack Involved:** Apache Airflow, Snowflake, DBT, Python, Metabase, Docker, AWS EC2.

## 📁 TRAINING

### Intel® Unnati Industrial Training Program

Engaged in Industrial Training, enhancing technical skills and industry readiness.

### RAMPeX Technologies

- Acquired practical, hands-on experience with core AWS services, including EC2, S3, Load Balancers, Auto Scaling Groups, IAM, CloudFront, and VPC.
- Successfully completed the AWS 101 Workshop and Cloud Quest: Cloud Practitioner Foundation. ☑

## 📄 CERTIFICATES

- Master Apache Airflow - Udemy
- Intel Unnati Programme - Intel
- A.I & ML, DS Bootcamp – Udemy
- Cloud Computing - Unstop