Sam Naveen. A.B

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Examination	University	Institute	Year	CGPA (%)
B.Tech (AI & DS)	Anna University	Karpagam College of Engineering	2026*	7.80
Diploma (Mechanical)	Dote University	Christ The King Polytechnic College	2023	8.03

Skills Summary

- **Languages**: Python, Java, SQL, MongoDB.
- **Frameworks:** Django, Apache Hadoop, TPOT, H2O.ai.
- **Libraries:** Pandas, NumPy, Scikit-learn, Matplotlib, TensorFlow, Keras.
- **Tools**: Docker, Git, GitHub, Tableau, Power BI.
- **Platforms**: Jupyter Notebook, Visual Studio Code, Google Colab, PyCharm.
- **Soft Skills**: Teamwork, Leadership, Communication, Active Listening.

KEY PROJECTS

MLOPS Diabetics Prediction | *Python, Django, React, Git, GitHub, Docker.*   *[Apr 24 – May 24]*

- Built an SVM model for diabetes prediction and deployed it using Django and Docker.
- Developed a full-stack web application with React frontend and Django backend.
- Integrated Git for version control and containerized the project using Docker for deployment.

Smart Voice Assistant (Python) | *Python, APIs, Speech Recognition Libraries, OpenAI.*   *[July 24 – Aug 24]*

- Created a voice-enabled assistant to handle tasks like browsing, weather updates, and automation.
- Integrated real-time APIs for dynamic responses and content retrieval.
- Used advanced Python speech recognition libraries and OpenAI tools for natural language understanding.

Movie Recommendation System (MERN) | *MongoDB, React, Node.js, Python, Google API.*   *[Feb 25 -Mar 25]*

- Designed a MERN stack app that recommends movies based on user-selected preferences.
- Applied a content-based ML model to recommend movies by Genre, Country, Language, and Rating.
- Utilized Google API to fetch rich movie metadata, posters, and ratings dynamically.

Stock Price Prediction in the Nifty 50 Index | *Python, Streamlit, ML Model, TPOT, H20.ai.*   *[Feb 24 – Apr 24]*

- Collected and processed real-time Nifty 50 stock market data for model training and prediction.
- Implemented and compared both AutoML frameworks (TPOT, H2O.ai) with manual ML pipelines for optimal accuracy.
- Deployed the model using Gradieo for real-time stock trend prediction and trading insights.

CERTIFICATIONS

- **NPTEL** | Data Analytics using python.   *[Jan '24]*
- **NPTEL** | Cloud computing.   *[Jul '24]*
- **MongoDB** | Introduction of MongoDB.   *[Jul '24]*
- **Qlik** | Qlik Sense Business Analyst Qualification·   *[Oct '24]*

SCHOLASTIC ACHIEVEMENTS

- Won 3rd Prize in Eureka Idea Pitching Contest, E-Cell IIT Bombay.   *[Nov'24]*
- Coordinator of E Sports (Dhruva '23).   *[Mar'24]*
- Solved 300+ Leetcode problems.   *[Mar'25]*
- Participated in Presentation Marathon and secured 10th Prize.   *[Jan '25]*

EXTRA-CURRICULAR ACTIVITIES

Technical	Participated in a Workshop on Deep learning in Cyber security in KPR College. Participated in Smart India Hackathon (Traffic Signal Project).
Non-Technical	Frequently conducted Lectures on Complex topic for my Classmates. Coordinated more than 2 events conducted by our Department (AD).