

# 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 Diabetes 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, H2O.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 Gradio 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).