

VINEETH K

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SUMMARY

B.Tech Data Science graduate seeking a junior Data Scientist / Data Analyst role. Experienced with Python, SQL, machine learning, NLP and data visualization (Power BI). Built production-ready prototypes and internship experience in data pipelines and model evaluation.

SKILLS

LANGUAGES : Python

DATABASES : SQL

TOOLS : VS code, Jupyter Notebook, Tableau

ML : Machine Learning, Data Cleaning, Numpy, Pandas, Matplotlib

EDUCATION

BTECH in ARTIFICIAL INTELLIGENCE AND DATA SCIENCE, APJ Abdul Kalam Technological University (GPA: 7.41) 2021 — 2025 Thrissur

- Gained strong foundations in AI, machine learning, and data science through hands-on projects and academic training.

HIGHER SECONDARY in PLUS TWO, St Antony's C.E.H.S.S (GPA: 94.3%) 2020 — 2021 Thrissur

- Graduated with distinction, excelling in science and math with a strong academic foundation for technical studies.

PROJECTS

BALL TRACKING SYSTEM

- Implemented real-time tracking using yolov8 and computer vision techniques.
- Utilized VS Code as the development environment, resulting in a fully functioning ball tracking system.
- Developed a ball tracking system for sports such as cricket.

SIGN LANGUAGE RECOGNITION AND TRANSLATION

- Designed and developed a smart glove system to help sign language users communicate.
- Built functionality to automatically convert hand gestures into spoken words and text.

EXPERIENCE

DATA SCIENCE INTERN Jun '25 — Present Techmaghi Kochi, India

- Built ML projects with Python (Pandas, NumPy, Matplotlib) for data cleaning, model training, and evaluation.
- Used SQL to analyze data and create dashboards.

AWARDS AND ACHIEVEMENTS

Best Project award

Yukthi Project Expo

Won Best Project Award in the department for the Sign Language Recognition and Translation system.

PUBLICATIONS

ENHANCING REAL-TIME COMMUNICATION WITH A SMART GLOVE: LSTM BASED SIGN LANGUAGE RECOGNITION

ICSCC 2025 Program Committee

Enhancing Real-Time Communication with a Smart Glove: LSTM Based Sign Language Recognition IEEE 4th International Conference on Advances in Computing