

# Vineeth K

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## SUMMARY

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A highly motivated BTech graduate with a passion for technology and a strong foundation in computer science.

Seeking opportunities to apply my technical skills, problem-solving abilities, and teamwork in a challenging and innovative environment.

## PROJECTS

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### Sign Language Recognition and Translation

- Developed a smart glove system on my own that helps people who use sign language to communicate by automatically converting their hand gestures into spoken words and text.

### Ball Tracking System

- It is used to track balls in sports like cricket, yolov8 and vscode were the technologies used, and outcome was a fully functioning ball tracking system.

## EDUCATION

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**BTECH in Artificial Intelligence and Data Science**, APJ Abdul kalam Technological University (GPA: GPA: 7.5) Oct '21 — Jun '25  
Thrissur, India

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

**Highschool diploma in PLUS TWO**, St Antony's C.E.H.S.S (GPA: 94.3%) Jun '20 — Mar '21  
Thrissur, India

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

**Highschool diploma in SSLC**, St Paul's Public school (GPA: 80.4%) Jun '18 — Mar '19  
Thrissur, India

- Completed secondary education with a solid academic base and consistent performance.

## SKILLS

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**Programming Skills :** C, Python, R, SQL

**Data Related :** Machine Learning, Data Science, Data Visualization, Investigation, Data Wrangling, Feature Engineering, Data Training, Model Building, Statistics & Predictive Modeling, Natural Language Processing, Data Structures & Algorithms, Cloud platforms

**Software :** Power BI Desktop, Excel

**Soft Skills :** Teamwork, Communication, Time Management, Problem Solving

## AWARDS AND ACHIEVEMENTS

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### Winner, TinkerHub's Stack-up Competition

TinkerHub

Led a team to victory in TinkerHub's Stack-up competition, showcased skills in web development and teamwork.

## PUBLICATIONS

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### 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