# D SUDIKSHA

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## Objective

Passionate Computer Science student specializing in AI & ML, with strong foundations in programming, NLP, and full-stack development. Seeking to apply my skills in building scalable, AI-driven solutions that enhance user experiences and solve real-world problems.

## EDUCATION

**Keshav Memorial Institute of Technology, Hyderabad, India**                                **June - 2026**

Bachelors of Engineering In Computer Science and Engineering (AI & ML)

**CGPA**: 8.35

**Relevant Coursework:** Data Structures & Algorithms, NLP, Web Technologies, Object Oriented Programming, Software Engineering, Operating Systems,  Artificial Intelligence, Machine Learning.

## TECHNICAL SKILLS

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|---|---|
| **Languages:** | Python, Java, C++, C |
| **Databases:** | MySQL, MongoDB |
| **Web Technologies:** | HTML5, CSS3, Bootstrap, JavaScript, Node.js, Express.js, React, REST APIs |
| **DevOps & Cloud** | AWS, Git, Github, Docker, Jenkins |
| **Productivity & Design:** | Microsoft Excel, Google Sheets, Office 365, Canva |
| **Framework and Libraries:** | Tensorflow, PyTorch, Scikit-learn, Plotly, NumPy, SciPy, Pandas, Matplotlib, Seaborn, Keras, Transformers, NLP Frameworks |

## PROJECTS

**Cricket LLM:** *Hugging Face Transformer, React , BeautifulSoup, APIs, MongoDB, node.js , Web Scraping*
                                                                                                **Apr - 2024**

- Developed an **advanced LLM tailored for cricket match summaries**, player profiling, and cricket news aggregation
- Analyzed player strategies and provided historical comparisons, identifying emerging talents and profiling legendary players
- Designed and **implemented an interactive cricket quiz feature** to engage users and enhance their knowledge of the sport

**Desktop Voice Assistant:** *Python,  Pyttsx3, Speech Recognition, Wikipedia Api, Webbrowser, Pyautogui*
                                                                                                **Oct 2023 - Dec 2023**

- Designed and **developed an AI-driven voice assistant that understands and responds to natural language voice commands,** transforming user interaction with technology
- **Developed a hands-free, intuitive interface to streamline task execution**, improve information retrieval, and empower users to accomplish tasks more conveniently
- Integrated a **language translation feature, enabling the voice assistant to translate and communicate in multiple language**s to cater to a diverse user base

***TypeGo (MonkeyType Clone)****: React, Node.js, Express.js, MongoDB, JavaScript, CSS, JWT, Axios*
                                                                                                ***March 2025***

- Built a **full-stack web application** inspired by MonkeyType to test and improve users' **typing speed and accuracy** in real time.
- Implemented **WPM, accuracy, character-level tracking,** and r**eal-time feedback** with d**ynamic word generation** and **timer-based sessions.**
- Enabled **user authentication**, **personal score history,** and a **global leaderboard** for competitive tracking.