

S. Lakshmi Keerthana

+91 9381944937 | slakshmikeerthana@gmail.com | [linkedin.com/in/lakshmikeerthanas](https://www.linkedin.com/in/lakshmikeerthanas) | github.com/keerthana104slk

EDUCATION

CMR Technical Campus <i>B.Tech in Computer Science and Data Science</i>	Hyderabad <i>Nov 2021- June 2025</i>
Intermediate - MPC <i>Narayana Junior College</i>	Hyderabad <i>June 2019 - Mar 2021</i>
Secondary School Certificate - SSC <i>Sri Chaitanya Techno School</i>	Kurnool <i>Completed in May 2019</i>

PROJECTS

E-commerce Recommendation System Model <i>Python, Cloud Computing</i>	Feb 2022 – May 2022
<ul style="list-style-type: none">Applied Collaborative Filtering and Matrix Factorization techniques to generate personalized product recommendations.Analyzed user behavior and browsing patterns to improve the accuracy and relevance of suggestions.	
Counterfeit Currency Detection <i>Python, Machine Learning Algorithms</i>	May 2024 – Jul 2024
<ul style="list-style-type: none">Conducted a comparative evaluation of machine learning algorithms to detect fake bank currency based on image features.Utilized image processing techniques to extract distinguishing features from genuine and counterfeit banknotes.Implemented and evaluated Random Forest, SVM, Naive Bayes, and KNN algorithms for detecting counterfeit currency.	
Obstacle-Avoiding Robot	
<ul style="list-style-type: none">Led a team of 6 to build an autonomous robot using Arduino and 3D printing (Fused Deposition Modeling - FDM).Developed real-time obstacle detection algorithms using ultrasonic sensors for smooth navigation.	

CERTIFICATES

- Smart Coder Certification** – Smart Interviews
- Computational Thinking And Problem Solving** – IIIT Hyderabad
- Certificate of Excellence** – Trechantz, CMR Technical Campus

TECHNICAL SKILLS

- Languages:** Java, Python
- Databases:** SQL
- Developer Tools:** Visual Studio, Eclipse

ACHIEVEMENTS

- Received Special Mention in Model United Nations (MUN) at CMR Group Of Institutions.
- Won the Drawing Competition for creativity and artistic talent in an inter-college event.