



Lolla Shanmukha Venkata Satya Srikanth
UG (III Year I Semester)
B.Tech. (Mechanical Engineering)
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Registration No: 22117075/2025



Area of Interest
Autocad, Solidworks, Data Structures and algorithms, Web development, App Development

Education

Year	Degree/Examination	Institution/Board	CGPA/ Percentage
2024	B.Tech. 2nd Year	Indian Institute of Technology, Roorkee	5.227
2021	Intermediate (Class XII)	SRI TIRUMALA JUNIOR COLLEGE	97.60 %
2019	Matriculate (Class X)	SRI PRAKASH VIDYA NIKETAN ,PL PURAM	10.000

- Projects**
- AR Shopping App** | Thinkering Labs(IIT ROORKEE) May 2024 - June 2024
- AR Integration: Utilized AR Plane and AR Origin to anchor AR objects accurately in real-world space.
 - UI/UX Design: Used 3D modals for furniture and Creating user-friendly interfaces and interactive controls.
 - Interaction and Controls: Implemented touch gestures for placing, rotating, and resizing furniture in AR.
 - Enabled the placement of multiple objects simultaneously for comprehensive room previews.
- Hydraulic House Lifting System** | MIED IIT ROORKEE October 2023 - December 2023
- Led the design and structural analysis of hydraulic house lifting systems to mitigate flooding impacts, focusing on the durability of high carbon steel rods and concrete base plates using ANSYS simulations.
 - Conducted comprehensive evaluations of fluid-structure interactions and dynamic loading to enhance system resilience.
 - Optimized material specifications and introduced redundancy and maintenance strategies for improved reliability and sustainability.

- Awards / Scholarships / Academic Achievements**
- Secured State wide 510 rank in Andhra Pradesh EAPCET Examination 2022
 - Secured All India Rank 8294 in Joint Entrance Examination Advanced 2022
 - Secured All India Rank 5868 in Joint Entrance Examination Main B-TECH 2022
 - Secured All India Rank 3187 in Joint Entrance Examination Main B-ARCH 2022

Skills

Computer languages C++ ,dart,HTML/CSS,JavaScript
Languages Known English,Telugu,Hindi

References

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