

Ribka Kollati

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SUMMARY

Final-year B.Tech undergraduate in Electronics and Communication Engineering with a strong foundation in digital electronics, electronic devices, and embedded systems. Hands-on experience through academic and Arduino-based group projects, along with industrial training in electronic hardware manufacturing. Seeking an entry-level role to apply core electronics knowledge and grow as an engineer.

TECHNICAL SKILLS

Programming Languages: Python, C(Beginner level).

Technical Skills: RTL Design, Digital Electronics Verilog (Vivado. EDA Playground), Fundamental concepts used in Digital Electronics.

Professional Skills: Time management, Teamwork and collaboration, Problem-solving mindset.

PROJECTS

Plant Disease Detection using Quantum Image Processing

2025-Present(Ongoing)

Academic project focused on applying basic quantum image processing

- for plant image detection and analysis.

Smart Waste Management using aurdino

2024(Group)

A project which focuses on waste management using aurdino by separating wet and dry waste.

EDUCATION

Sheshadri Rao College of Engineering (Autonomous), Gudlavalleru

Gudlavalleru

Btech in Electronics and Communication Engineering.

Jun 2023 – Present

AANM and VVRSSR Polytechnic, Gudlavalleru

Gudlavalleru

Diploma in Electronics and Communication Engineering.

Jun 2020 – May 2023

EXPERIENCE

Kalkitech-Frontend VLSI Internship

2025

Kalkitech

GEC, Gudlavalleru

- Gained hands on experience on VLSI core concepts.

Industrial Training in QUALI TECH CONNECTRONICS Pvt. Ltd

2023

QUALI TECH CONNECTRONICS Pvt. Ltd

Hyderabad

- Industrial training of 6 months which focuses on hardware electronic products manufacturing.

EXTRA CURRICULAR ACTIVITIES

- Won ball badminton tournament in JNTUK CENTRAL ZONE INTER-COLLEGIATE(Group)