RITIKA

+91 8310522292 | ritikabelle@gmail.com | Bengaluru, Karnataka
Portfolio | Linkedin

To enhance the new skills, expand my knowledge in the particular field and make the best of my potential and contribute to the organization's growth.

EDUCATION

Central University of Karnataka, Kalaburagi *2019 - 2023*
Bachelor of Technology(B.tech) (Electrical Engineering) | CGPA – 9.07 / 10

Sharnbasweshwar Residential Composite PU College, Kalaburagi *2017 - 2019*
Intermediate- (Physics, Chemistry, Mathematics, Biology) | Examination Score - 81%

Kendriya Vidyalaya, Kalaburagi *2016*
SSLC | CGPA- 9.4 / 10

TECHNICAL SKILLS

- **Programming Languages:** JAVA **Familiar:** JDBC, HIBERNATE, SPRING FRAMEWORK
- **Database:** SQL (Structured Query Language)
- **Frontend:** HTML, CSS, JAVASCRIPT
- **Software:** AutoCAD (Design and Drawing)

ACADEMIC PROJECTS

- **Electricity Bill Management System – Java *(2023)***
  - It's a GUI based project used with SWING Module to manage the Electricity Management System Using Java.
  -This project primarily focuses on calculating the number of units utilized by the customer and generating new Meter Information associated with a new customer.

- **Implementation and Analysis of Boost Converter for Solar PV based Battery Charging *(2023)***
  - Develop a comprehensive design of the Boost Converter circuit, considering the specific requirements of the solar PV system and the characteristics of the batteries to be charged.
  -This project aims to contribute valuable insights into the performance of Boost Converters in solar PV applications, providing a basis for the optimization of such systems for practical and widespread implementation.

- **THD analysis of reduced switch 5,7,9 level inverter using SPWM technique- MATLAB Simulink/Hardware *(2022)***
  - This project involves the implementation of a reduced switch 5, 7, 9 level inverters utilizing Sinusoidal Pulse Width Modulation (SPWM) technique.
  - Employing MATLAB Simulink or hardware, the project focuses on analyzing the Total Harmonic Distortion (THD) of the inverter's output waveform.

INTERNSHIPS

- INTERN AT KODNEST, Bangalore: JAVA - Full Stack Development (2023 June - 2023 August)
- GESCOM, Kalaburagi: SCADA, Transformer repair WorkCentre, 33/11KV substation visit (2022 June - 2022 July)
- TCS ION Internship: Automatic extraction of handwritten text from image (2020 June – 2020 August)

CERTIFICATION

- Full Stack Development Java and Testing – KODNEST *(2023)*
- Introduction to MATLAB Toolboxes for Engineering Applications- CoreEL Technologies (2022)
- Introduction to Quantum Computing Course- IBM Quantum (2021)

STRENGTHS AND INTERESTS

Strengths: Delegation, Communication Skills, Punctuality, Creativity

Interests: Drawing and painting, Solving Puzzles, Dancing

Languages: Kannada, English, Hindi