

RESUME

NIYATI NENE

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PROFILE

Experienced Electrical Engineering graduate having good knowledge of electrical power systems, transformers, electrical machines and drives and electronic devices seeking an opportunity to leverage my skills and excited to contribute to innovative projects. Committed to continuous learning and professional development.

EDUCATION QUALIFICATIONS

QUALIFICATION	SPECIALISATION/STREAM	YEAR OF PASSING	INSTITUTE/UNIVERSITY	MARKS
B. Tech	Electrical and Electronics Engineering (EEE)	2023	Government Engineering College, Raipur (C.G.)	79.85%
Higher Secondary	PCM	2019	J. D. Daga Hr. Sec. School	74.80%
Secondary	NA	2017	J. D. Daga Hr. Sec. School	10 CGPA

TECHNICAL KNOWLEDGE & SKILLS

- Learned about MATLAB, SAP.
- Hands on experience of MS-Office suite (MS-WORD, MS-EXCEL, MS-POWERPOINT)
- Knowledge of C and python.
- Collaboration and presentation skills.

WORK EXPERIENCE

GRADUATE APPRENTICESHIP TRAINEE AT ULTRA TECH CEMENT LTD. Since Jan'24
Rawan Cement Works, Grasim Vihar, Rawan.

- Electrical Safety: Learnt about safety standards and practices to ensure safe working environments.
- Hands-On Experience: Got practical experience with tools, equipment, and real-world electrical systems.
- Circuit Analysis: Understood and analyzed electrical circuits, single line diagrams to represent the power flow in electrical systems.
- Power Distribution: Gained knowledge on how electrical power is distributed and managed in various systems.
- Project Management: Learning how to manage projects, including planning, scheduling, and coordinating tasks.
- Understanding the power flow in switchyards, PCC and MCC rooms for managing electrical distribution.
- Assisted in the panel installation & commissioning of a belt conveyor as well as conducting tests & inspections to ensure operational effectiveness of equipment.
- Collaborated with senior engineers to understand the electrical drawings of various MCCs, etc.
- Oversaw the maintenance and servicing of all the VFDs of the particular section.
- Engaged in the maintenance jobs of motors and drives during shutdown.
- Coordinated in the preparation of comprehensive annual shutdown report of the plant.
- Overseeing implementation of preventive maintenance, predictive maintenance and overhauls of machines to improve the efficiency of the plant equipment.
- Coordinated in the Shutdown Management of the plant.
- Involved in the CapEx project- STATCOM Installation for VAR management.

TRAININGS AND CERTIFICATIONS

- Vocational training_at National Thermal Power Corporation [NTPC]
- Vocational training at Chhattisgarh State Power Distribution Company Limited [CSPDCL]
- Guide to build IOT: Things from scratch to market –UDEMY.
- C for beginners –GREAT LEARNING ACADEMY.

PROJECTS UNDERTAKEN

- Water Level Indicator System using Arduino Uno.
- Design and analysis of Over and Under voltage protection system.
- Analysis of Switched Reluctance Motor for reduction of torque & speed ripple using ANN technology.
- Installation of STATCOM for VAR management of every section of plant and grid.