

Nisarga B

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📍 Bengaluru

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PROFESSIONAL SUMMARY

Graduate Engineer Trainee with 1+ year experience in design and selection of LV and HV alternators. Proficient in handling customer enquiries and offering suitable alternator ratings and frame sizes based on application needs. Gained practical exposure to alternator technical documentation standardization and work order release coordination with the marketing team. Skilled in using engineering tools like Fortran for alternator design and frame selection. A good learner with a keen interest in electrical rotating machines and technical problem-solving in manufacturing environments.

SKILLS

- Dynamics 365 business central
- MS office
- Fortran
- AutoCAD

JOB RESPONSIBILITIES

- Involved in the design and modelling of LV and HV alternators using Fortran software, focusing on performance, efficiency, and customer specifications.
- Preparing design calculations and design documentation for alternator components such as stator and Rotor.
- Performed tolerance analysis and ensured compliance with design and manufacturing standards (IS/IEC/NEMA).
- Prepared and maintained Bill of Materials (BOM), design change records, and engineering release documentation.
- Handled customer enquiries related to LV and HV alternators and offered customized alternator solutions by selecting appropriate ratings and frame sizes as per customer specification and application.
- Released work orders into the system after verifying customer specifications, alternator ratings, GA drawings and frame sizes.
- Collaborated with cross functional teams (Production, quality) to ensure design feasibility, cost-effectiveness, and manufacturability.

WORK EXPERIENCE

Graduate Engineer Trainee , Nidec Industrial Automation India PVT LIMITED	06/2024 – Present Bengaluru
Trainee , TMEIC Industrial systems India Private Limited	10/2023 – 12/2023 Tumkur

PUBLICATIONS

Solar Powered Wireless EV Charging System, Nisarga B
IEEE 2024

EDUCATION

BE in Electrical and Electronics, *Siddaganga institute of technology*

01/2021 – 05/2024

Tumkur