YASH RAJU SHENDRE

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Professional Summary:

Electrical Engineering graduate with nearly 1 year of experience in spare parts operations, technical support, SCM coordination, and after-sales service in the medical equipment industry. Seeking a challenging role in Electrical Engineering, Technical Operations, Service Engineering, or Supply Chain Coordination where I can apply my technical and operational skills for organizational growth and professional advancement.

Professional Experience:

Executive–Spares Department, HORIBA India Pvt. Ltd., MIDC Butibori, Nagpur *(July 2025 – Present)*

- Handling day-to-day operations of the Spares Department in the medical equipment manufacturing and service domain.
- Managing spare request processing, spare allocation, and coordination for timely dispatch of critical components to field locations.
- Working on SCM Portal for DC preparation, spare dispatch documentation, inventory tracking, and logistics coordination.
- Performing inspection, troubleshooting, testing, and coordination for repair of defective spare parts received from field engineers.
- Supporting after-sales service operations and coordinating with service teams, logistics, and internal departments to minimize downtime.
- Gaining hands-on experience in supply chain coordination, technical support operations, and spare lifecycle management.

Education:

B.E. in Electrical Engineering, Sant Gadge Baba Amravati University (2022–2025), SGPA: 9.1, CGPA 8.43
Diploma in Electrical Engineering, MSBTE (2019–2022), Distinction, 82.17%
SSC, Amravati Board, Maharashtra (2019), 73.20%

Technical Skills:

AutoCAD Electrical (ECAD), Fusion 360, MATLAB, PLC & SCADA Basics, Industrial Automation, SCM Portal Operations, Inventory & Spare Parts Management, Technical Documentation & DC Preparation, Transformer Testing & Maintenance, Solar Power System Design, Technical Support & Troubleshooting Coordination, MS Office (Excel, Word)

Professional Expertise:

Spare Parts Operations, SCM Coordination, Technical Support, Inventory Management, After-Sales Service Coordination, Logistics & Dispatch Documentation, Troubleshooting Coordination, Field Service Support, Spare Request Management, Technical Coordination, Reliability Testing, Spare Lifecycle Management

Project Work:

1. BE Final Year Project: Design and Development of an IoT-Based Health Monitoring System for Power Transformer and Industrial Motor.
2. Designed solar power plants including Jasraj Palace (320.160 kWp), Bajrang Paper Mill (90.480 kWp), and Veenadevi Darda School (66.1 kWp).
3. Developed an Autonomous Water Surface Cleaning Robot; won 1st Prize at Spark-a-thon and presented at Aavishkar.
4. Presented Pick-and-Place Robot at IIT Bombay Techfest (Cozmo Clench Event).
5. Diploma Project: IoT-Based Energy Management System.

Professional Affiliation

- Joint Secretary, Students Association of Vidyut Engineers (SAVE) (2023–2024).
- Member, The Institution of Electronics and Telecommunication Engineers (2022–2025).

Awards & Achievements

- Best Student (Student of the Year) Award – Euphoria 2025.
- 1st Position in Spark-a-thon 2024 – 24-Hour Hackathon.
- 1st Prize in Aavishkar 2023 – District Level Innovation Competition.
- Secured 3rd Rank in Electrical Engineering and 5th Rank in College (2023–24).
- 2nd Prize in PRANETA-24 Paper Presentation.
- Achievement Award for MSME Project Presentation – Euphoria 2025.

Internship & Industrial Training

- AISE (2024–2025): Solar power plant layout, design, and installation as CAD Designer.
- Internships at Chetna Industries, MSEDCL Substation Lohara, Vinit Transformers, and Raymond UCO Denim in industrial operations, transformer testing, and maintenance.
- Industrial Training on Solar PV Technologies by Urja Swaraj LLP.

Research Publications

- Published 15+ research papers in international journals related to Power Systems, Renewable Energy, IoT, Automation, Smart Grid, AI Applications, and Electrical Protection Systems.

Conferences & Certifications

- Presented research paper “Harvesting the Breeze: Wind Energy as a Sustainable Renewable Resource” at PRANETA-24 – 2nd Best Presentation Award.
- Certified in Industrial Automation (PLC & SCADA), Thermal Management System in EVs, Solar Power Plant Technology, and Solar Power Plant Installation.
- Participated in ROBOTHON workshops on robotics and automation.

Professional Development & Affiliations

- Completed professional courses in MATLAB, PLC Programming, and Electrical Safety (2023, Alison).
- Specialized in transformer components and power system protection (2023, Alison).
- Additional certifications: Electric Vehicle Systems and ChatGPT for Excel (2023).

Hobbies: Chess, Robotics & Innovation