# ROHIT SAHU

*Engineer, Electrical Maintenance (PSU)*

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## PERSONAL STATEMENT

Electrical engineer with 5 years in a Maharatna power PSU, recruited as Executive Trainee through GATE 2021 (Electrical). Handles maintenance of HT motors, transformers and switchyard equipment for a 2,600 MW coal-based station, with SAP PM, permit-to-work and statutory inspection experience.

## WORK EXPERIENCE

**Engineer (E2), Electrical Maintenance** · *Bharatiya Urja Utpadan Nigam Ltd, Korba* Sep 2022 – Present

- Lead preventive and breakdown maintenance of 6.6 kV and 11 kV HT motors, 220 kV switchyard and unit auxiliary transformers for 4 units of 500 MW and above.
- Reduced forced outages caused by electrical faults from 7 to 2 a year through thermography, DGA trend analysis and revised PM schedules in SAP PM.
- Planned electrical scope of a 35-day unit overhaul with 3 contractors and about 120 workers, completed 2 days ahead of schedule with zero lost-time injuries.
- Prepare technical specifications and evaluate bids on the e-procurement portal for spares and service contracts worth about ₹3.5 crore a year.

**Executive Trainee (E1)** · *Bharatiya Urja Utpadan Nigam Ltd, Korba and corporate training centre* Sep 2021 – Aug 2022

- Completed a 1-year structured training covering operations, maintenance, protection and C&I across boiler, turbine and switchyard areas.
- Worked as shift engineer in the control room for 3 months, handling unit start-up and load changes under supervision.
- Submitted a training project on energy saving in auxiliary power consumption, estimating savings of 1.2 MU a year.

## EDUCATION

**B.E. in Electrical Engineering** · *Government Engineering College, Bilaspur, Bilaspur* 2016 – 2020
*Grade: 8.3 CGPA*

## SKILLS

HT motors and transformers • Switchyard maintenance • Protection relays • SAP PM • Thermography • Transformer oil DGA • Permit-to-work system • AutoCAD Electrical

## CORE SKILLS

- Plant maintenance planning
- Shutdown management
- Contractor management
- Safety compliance
- Technical specifications

## CERTIFICATIONS

**GATE 2021, Electrical Engineering (score used for PSU recruitment)** · *IIT (organising institute)* Mar 2021

**Electrical Supervisor Certificate of Competency** · *State Licensing Board* Jun 2023

## LANGUAGES

Hindi · Native • Chhattisgarhi · Fluent • English · Professional

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