

Kunal Bhardwaj

Graduate Electrical Engineer

Indore, Madhya Pradesh · [Phone] · [Email] · [Website or LinkedIn]

PROFESSIONAL SUMMARY

B.E. Electrical graduate with a six-month internship at a switchgear panel manufacturer and a final-year project on rooftop solar sizing. Reads single-line diagrams, prepares cable schedules and has done insulation resistance and continuity testing under supervision. Looking for a graduate engineer role in electrical contracting, panel building or plant maintenance in central India.

SKILLS

Single-line diagrams · AutoCAD Electrical · Cable sizing and schedules · LT panel wiring checks · Megger and continuity testing · Load calculation · Rooftop solar basics · Electrical safety and LOTO · MS Excel

EXPERIENCE

Graduate Engineer Trainee (Internship) — Mid-size LT switchgear and control panel manufacturer, Pithampur

6-month internship

- Checked wiring of 40 motor control and APFC panels against approved drawings before factory acceptance tests with clients.
- Ran insulation resistance and continuity tests on outgoing feeders and recorded readings in the inspection test plan.
- Redrew 12 panel general arrangement drawings in AutoCAD Electrical after customer comments, cutting revision turnaround to one day.

Summer Trainee — State power distribution company, 33/11 kV substation, Indore

6 weeks

- Shadowed shift operators during feeder switching, breaker maintenance and daily log readings at a 33/11 kV substation.
- Prepared a short report on transformer oil testing and protection relay settings for the substation in-charge.

EDUCATION

B.E. in Electrical and Electronics Engineering — Private engineering college affiliated to a state technical university, Indore

Final-year project: sizing and payback study for a 50 kW rooftop solar plant on the college hostel

Higher Secondary (PCM) — CBSE senior secondary school, Dewas

CERTIFICATIONS AND REGISTRATIONS

- AutoCAD Electrical, authorised training centre course

- Basic Industrial Safety and Lockout-Tagout, short course

PROJECTS

- Hostel energy audit — logged load profiles for four weeks and proposed LED and timer changes that the college adopted for common areas

LANGUAGES

Hindi · English