

# BIPIN KUMAR SINGH

Jharkhand , India

☎: +91 – 8018516300

Best time to call: Any time

✉: [bipincores@gmail.com](mailto:bipincores@gmail.com)

Skype Name: bipincores

LinkedIn: <https://in.linkedin.com/in/bipin-singh-1040bb20>

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To obtain a position in an organization where my skills and experience will be an asset to help the company achieve their mission, vision and values

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- Detail oriented professional with **6.5 years of experience** in successfully coordinating the activities of various departments concerned with various operational activities
- Expertise in installing, testing, commissioning & maintenance of electrical equipment's
- L.T & H.T Motors, ( Weg, Bharat bijlee, SEW, Marathon, ABB, Siemens.)
- Familiarity with electrical controls systems repair, electrical systems repair and installation techniques.
- Hands on experience in Electrical Breakdowns Which Include SCADA, PLC and Equipment Failures.
- Diagnose Malfunctioning System, Equipment and Electrical Parts, Via Using Test Equipment to Identify the Cause of Breakdown and recommend options for eliminating such problems also.
- Awarded for best suggestion, felicitated for zero delay and efficient achievement of production.
- Demonstrated excellent communication, interpersonal, and organizational skills.
- Trained and Managed Employees, Ensuring Adherence to Safety Procedures and Maintenance of High Quality Service Standards Expected by Management.

## SKILL SET

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- Electrical Troubleshooting
- Electrical Operation and Preventive, Predictive & Breakdown Maintenance
- Vibration Analysis
- Shift Maintenance
- Documentation

## KEY HIGHLIGHTS

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- Experience of working at Bhushan steel limited project (auto-grade steel **9 million tons** annually) & Bothra shipping services.
- Extensive knowledge
  - ✓ RMHS Equipments
  - ✓ Stacker cum Reclaimer
  - ✓ Wagon Tippler/Wagon loader
  - ✓ HT/LT Substation

## EDUCATION

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- Bachelor of Technology (Electronics & Communication), RGIHT, Vinobha Bhave University , Hazaribag (Jharkhand), 2005 – 2009.

## PROFESSIONAL EXPERIENCE

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### **M/s Bothra Shipping Services (P) Ltd., Coal terminus**

**April 2013 – Till Date**

#### **Junior Manager - Operation & Maintenance Dept**

- Commissioning & Calibration of Level Switches, Level Sensors, Solenoid Valves, and Chute block detector, Zss, Rtd Instruments.
- Handling of Maintenance Work like Stacker cum Reclaimer, Wagon Tippler, Wagon Loader, Mobile Hoppers, Track Hoppers.
- Sub-Station Equipment (up to 33/6.6Kv & 6.6kv/440v) of ABB Make and HT/L.T Equipment of ABB, Siemens and Schneider.
- Involved in the operation and maintenance of
  - ✓ 5MVA, 1MVA Transformers, OLTC and Motors of Schneider make
  - ✓ Schneider makes 6.6KV medium voltage switchgears and vacuum circuit breakers.
  - ✓ Batteries, relays, feeder & motor protection relays, Capacitor Bank, Belt Watch System.
  - ✓ 6.6 KV HT motors & LT Motors, Compressors.
- Performed Trouble shooting and maintenance
  - ✓ On ETS-200, S7-300 model Siemens makes PLC's & SCADA.
  - ✓ VVVF controlled Drives of ABB Siemens, Delta, Simovert Master
  - ✓ D.G. (1.25X3)MVA

### **M/s. Bhushan Steel Limited (Angul).**

**March 2010 – April 2013**

#### **Assistant Engineer**

- Responsible for the Operation and Maintenance of Electrical and Mechanical System, Utilities and Machineries.
  - Hagglands Drive and Rexroth & Parker Hydraulic Power Pack Operation and Maintenance in Stacker Reclaimer.
  - Commissioning of Transformer, HT&LT Motors, Scoop Motors, flap Gates, Diverter Gate, Rack& Pinion gate, Vibro feeder, Track Hopper, Mobile Hopper, Shuttle conveyor, Weight feeder, Apron Feeder, and Scraper chain for Conveying system with all relevant Safety Limit Switches.
  - Accountable for Planning, Execution, Installation, Testing and Commissioning of Electrical and Mechanical System.
  - Schenck Process Intecon Tersus Weigh Feeder For Material Feeding at Different TPH.
  - Plc of Siemens Make in Wagon Tippler.
  - SACE Series of ABB LT Breaker and HCA Series of ABB HT Breaker.
  - DCS Control Using ABB PLC AC800M, Freelance AC 800F, ACS 800, ACS 550 ABB.
  - Drives and Controlling LT Feeders (DOL, RDOL, Brake, Sensors.)
  - Remote Transmission Unit for Wireless Bulk Data Transmission for Allotted Bandwidth by the Vendor. Anti-Collision System for Yard Machines on Same Track and Parallel Tracks.
  - Performed condition monitoring and predictive maintenance of critical equipment and took necessary corrective actions to avoid any breakdown.
  - Performed vibration analysis on machines at commissioning stage and running machinery.
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