

# Abhishek Sahoo

Sr. Assistant Manager (IT)

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## Professional Summary

Results-oriented IT professional with over a decade of experience bridging the gap between field operations and enterprise technology in the Energy & Mining sectors. Proven track record in leading IT departments, securing critical infrastructure, and implementing IoT solutions for operational efficiency. Expertise in digital transformation, process automation, and Next-Gen network security. Adept at translating complex operational challenges into reliable technical solutions.

## Core Competencies

**Strategic Planning** Aligning technical roadmaps with long-term business goals and managing IT CAPEX/OPEX budgets.

**OT/IT Convergence** Bridging the gap between Operational Technology (Mining/Field) and Information Technology (Enterprise).

**Cybersecurity** Expertise in XDR implementation, Next-Gen Firewalls, and Ethical Hacking (CEH) principles.

**Digital Transformation** Leading cultural and technical shifts from manual paper trails to automated digital workflows.

**Crisis Mgmt** Ensuring business continuity and system stability during operational disruptions.

## Professional Experience

2023–Present **Sr. Assistant Manager (IT)**, *Odisha Coal and Power Limited*, Odisha, India

- **Department Leadership:** Lead the IT department, overseeing core operations, infrastructure reliability, and team performance.
- **Strategic Alignment:** Coordinate with cross-functional departments (HR, Finance, Mining Ops) to align IT services with organizational business goals.
- **System Stability:** Drive enterprise system stability and digital workflow modernization, ensuring 99.9% uptime for critical business applications.

2019–2023 **Assistant Manager (IT)**, *Odisha Coal and Power Limited*, Odisha, India

- **Infrastructure Planning:** Managed on-ground IT planning and system strengthening for complex mining operations.
- **Security Implementation:** Spearheaded the deployment of centralized surveillance and Next-Gen network security systems (XDR/Firewalls).
- **Application Rollout:** Supported the rollout of web and mobile applications for operational data tracking and safety reporting, significantly improving field data accuracy.

2013–2019 **Management Executive (IT)**, *Trayi Consulting Pvt. Ltd*

- **Requirement Analysis:** Executed detailed IT requirement analysis and planned enterprise systems for diverse clients.
- **Consulting:** Managed consulting engagements focused on system stability, infrastructure planning, and legacy system modernization.

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## Key Projects & Initiatives

- Digital File System** Spearheaded the transition from manual paper trails to a digital workflow, improving approval traceability and reducing archival costs.
- Next-Gen Security** Implemented high-availability firewalls integrated with XDR solutions to proactively detect threats and secure critical power infrastructure.
- IoT & GPS Tracking** Introduced GPS tracking for heavy mining equipment to gain real-time visibility into fleet utilization and route compliance.
- Safety App** Designed functional requirements for a mobile app enabling field staff to report hazards instantly, reducing incident response time.
- Surveillance** Unified scattered CCTV feeds into a centralized monitoring station with long-term storage for enhanced site security and audit readiness.

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## Education

- 2011–2013 **M.Tech in ECE**, *Veer Surendra Sai University of Technology*, Div: First Electronics & Communication Engineering
- 2006–2010 **B.Tech in ETC**, *Dhaneswar Rath Institute of Engineering*, Div: First Electronics & Telecommunication Engineering
- 2003–2005 **Intermediate (10+2)**, *Ravenshaw Junior College*, Div: First Science Stream

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## Certifications

ID: 3084757 **Certified Ethical Hacker (CEH v11)**, *Simplilearn*

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## Technical Skills

- Infrastructure** System Planning, Wireless Communications, Asset Tracking, Server Room Architecture.
- Security** Next-Gen Firewalls, XDR Implementation, CCTV Surveillance Systems.
- IoT & Automation** GPS Fleets, Sensors, Data Monitoring, Process Automation.
- Tools** Python (Intermediate), AutoCAD, MS Office Suite.

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## Declaration

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief. I bear the responsibility for the correctness of the above-mentioned particulars.

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