

# 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

<b>Strategic Planning</b>	Aligning technical roadmaps with long-term business goals and managing IT CAPEX/OPEX budgets.
<b>OT/IT Convergence</b>	Bridging the gap between Operational Technology (Mining/Field) and Information Technology (Enterprise).
<b>Cybersecurity</b>	Expertise in XDR implementation, Next-Gen Firewalls, and Ethical Hacking (CEH) principles.
<b>Digital Transformation</b>	Leading cultural and technical shifts from manual paper trails to automated digital workflows.
<b>Crisis Mgmt</b>	Ensuring business continuity and system stability during operational disruptions.

## Professional Experience

2023–Present	<b>Sr. Assistant Manager (IT)</b> , Odisha Coal and Power Limited, Odisha, India
	<ul style="list-style-type: none"><li>○ <b>Department Leadership:</b> Lead the IT department, overseeing core operations, infrastructure reliability, and team performance.</li><li>○ <b>Strategic Alignment:</b> Coordinate with cross-functional departments (HR, Finance, Mining Ops) to align IT services with organizational business goals.</li><li>○ <b>System Stability:</b> Drive enterprise system stability and digital workflow modernization, ensuring 99.9% uptime for critical business applications.</li></ul>
2019–2023	<b>Assistant Manager (IT)</b> , Odisha Coal and Power Limited, Odisha, India
	<ul style="list-style-type: none"><li>○ <b>Infrastructure Planning:</b> Managed on-ground IT planning and system strengthening for complex mining operations.</li><li>○ <b>Security Implementation:</b> Spearheaded the deployment of centralized surveillance and Next-Gen network security systems (XDR/Firewalls).</li><li>○ <b>Application Rollout:</b> Supported the rollout of web and mobile applications for operational data tracking and safety reporting, significantly improving field data accuracy.</li></ul>

- 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.

## Key Projects & Initiatives

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

## 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

## Certifications

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

## 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.

## 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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