



Aditya Keshari

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Summary

Results-driven professional with proven success in managing cross-functional global teams, driving digital transformation, and delivering innovative, automated solutions through agile execution and effective stakeholder management.

Professional Experience

Senior Engineer | LTIMindtree | Navi Mumbai

- Served as a core team member in a 30-person functional unit supporting IT operations for one of the world's most advanced refineries.
- Maintained >99% SLA compliance while streamlining business processes by identifying and addressing client pain points.
- Managed end-to-end administration of 10+ applications used by over 1,000 users across 8 departments, ensuring high availability and performance.
 - Working with product vendors/OEMs from USA, Europe, China and South Africa for software implementation and support.
 - Documentation of SOPs, Project implementations, known errors, etc.
 - Administration and Sole-ownership of 30+ servers.
 - Resolved cybersecurity vulnerabilities while minimizing downtime through strategic planning and effective stakeholder communication.
- Spearheaded the successful upgrade of enterprise systems including LIMS, EDMS, 3D visualization, and DVR tools improving performance and user experience for 500+ users across 8 departments.
- Led implementation of Aspen Petroleum Scheduler and ETAP, transitioning 15 users from manual Excel workflows to integrated digital systems.
- Implemented proof of concept of Visual Mesa and Belsim Vali software to monitor and optimize refinery energy usage.
- Quickly learned LIMS software and assumed full support responsibilities in the absence of a dedicated resource, ensuring zero downtime and earned a Trust & Respect badge from the project manager.
- Streamlined user provisioning by integrating 4 enterprise applications (300+ users, 4 departments) with IAM software via APIs, AD, and SQL—minimizing manual input to a single approval step.
- Developed and deployed a digital twin model of the pre-heat train in collaboration with the OEM, tracking key heat exchanger metrics and improving management visibility through a Power BI dashboard.
- Single-handedly developed and deployed Operator Training Simulators (OTS) for training pipeline operators of an American midstream company leading to reduction in operational incidents.
- Utilized simulation models to generate training data for a machine learning-based seep detection system.
- Part of the technical team preparing RFP and RFI responses for refinery digitalization projects across the Middle East, driving client engagement and solution alignment.

Education

B.Tech. in Chemical Engineering – *Indian Institute of Technology, Patna* | India

Accomplishments and Awards

- Shooting star award- For outstanding achievement as a team contributor.
- Trust and respect badge-For taking full accountability and going beyond in ensuring zero impact to business
- Certificate of appreciation-From client for valuable contribution and support for the ICT managed services engagement.
- Veteran Award-For completing 4 years with LTIMindtree.
- IIT Patna batch of 2020 silver medallist
- Certificate of appreciation in 10th and 12th for excellent performance in academics.

Co/Extra-curricular

- Coordinator for Registrations committee IITP techno cultural fest 2018.
- Sub-Coordinator for Registrations committee IITP techno cultural fest 2017.