

MOHAMMAD ABU TALIB

Ab Initio Administrator

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PROFESSIONAL SUMMARY

Results-driven Ab Initio Administrator with 5+ years of progressive experience administering, deploying, and optimizing mission-critical Ab Initio environments across high-volume financial and banking platforms. Deep expertise in Ab Initio GDE, Co>Operating System, Conduct>It, and EME, with strong command of environment setup, configuration, resource management, performance tuning, metadata lineage, Unix/Linux scripting, enterprise scheduling, and L2/L3 operational collaboration.

TECHNICAL SKILLS

Ab Initio Administration	GDE, Co>Operating System, Conduct>It plans, EME metadata analysis and lineage, PDL, environment setup and configuration, resource management, system health monitoring
Data and Pipeline Operations	Data warehousing, CDC, data reconciliation, high-volume batch processing, MFS architecture
Database and SQL	SQL, PL/SQL, Oracle, Teradata, DB2, advanced query performance tuning
OS and Scripting	Unix/Linux shell scripting with Bash and Korn shell, system automation, MFS architecture
Monitoring and Scheduling	Autosys, Control-M, Splunk, ELK Stack, job scheduling and monitoring, incident management
Methods and Governance	ITIL, Agile, root cause analysis, data governance, Dodd-Frank and MiFID reporting
Tools	Jira, ServiceNow, Git, Confluence

PROFESSIONAL EXPERIENCE

Ab Initio Administrator

Tata Consultancy Services (TCS) | APAC private-banking client

May 2024 - Present

- Administer and maintain Ab Initio Co>Operating System environments, including configuration management, resource allocation, and proactive health checks, supporting 99%+ platform availability across production and non-production systems.
- Automated critical weekend batch checkouts and Ab Initio tag migrations, reducing manual operational effort by approximately 30% and eliminating recurring human-error-related production incidents.
- Perform deep-dive performance tuning of complex Ab Initio graphs and Conduct>It plans through EME metadata analysis and partitioning optimization.
- Led structured root cause analysis for chronic pipeline failures with L2/L3 Operations teams, reducing repeat incidents by more than 40%.
- Maintain Unix/Linux shell scripts for Ab Initio administration, Autosys and Control-M scheduling, and batch monitoring through Splunk and the ELK Stack.
- Manage EME metadata lineage and data governance, supporting traceability for Dodd-Frank and MiFID reporting pipelines.
- Resolve high-priority production incidents within SLA targets under ITIL incident and change management practices.
- Author and maintain operational runbooks, environment documentation, and batch-processing procedures.

Ab Initio Administrator

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Oct 2020 - Apr 2024

- Administered Ab Initio Co>Operating System environments across multiple projects, managing resources, MFS architecture, and PDL parameter configurations for production and non-production systems.

- Configured, monitored, and maintained Ab Initio GDE and Conduct>It plans for stable financial-data batch processing.
- Tuned SQL and PL/SQL for high-volume queries, reducing processing time by up to 35% across critical jobs.
- Implemented and managed CDC configurations and reconciliation processes, achieving near-zero data discrepancies for regulatory reporting.
- Managed user access, environment permissions, and system configurations in line with organizational security and governance policies.
- Provided L2 production support, completed root cause analysis, and applied fixes to minimize downtime and meet SLA commitments.

EDUCATION

Bachelor of Technology in Information Technology

Bharati Vidyapeeth University College of Engineering, Pune

CERTIFICATIONS AND TRAINING

- Ab Initio Technical Training - GDE, Co>Operating System, Conduct>It, and EME Metadata Engine
- ITIL Foundation - Incident, Problem, and Change Management Framework

KEY ACHIEVEMENTS

- Reduced manual batch-processing effort by 30% through end-to-end automation of critical weekend checkout workflows.
- Achieved a 40%+ reduction in repeat production incidents through structured root cause analysis and permanent fixes.
- Maintained 99%+ uptime for Ab Initio environments supporting APAC private-banking operations.
- Supported regulatory compliance through EME metadata lineage for Dodd-Frank and MiFID reporting pipelines.