

MOHAMMED ALOTAIBI

Senior Integration Specialist

Enterprise Integration | AMOS Interfaces | Backend Engineering | Middleware Architecture | API Development | DevOps | Linux Automation
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PROFESSIONAL SUMMARY

Senior Integration Specialist with 10+ years of experience in enterprise integration, middleware engineering, Linux infrastructure, cloud platforms, automation, and digital transformation within aviation and enterprise IT environments. Experienced in Azure Integration Services (AIS), enterprise middleware, APIs, reverse proxy technologies, enterprise automation, production support, and high-availability systems. Strong background in enterprise architecture, operational support, workflow automation, infrastructure optimization, incident troubleshooting, release management, and enterprise modernization initiatives. Proven ability to support mission-critical enterprise systems, optimize operational workflows, and deliver scalable enterprise IT integration solutions.

TECHNICAL SKILLS

Integration & Middleware Azure Integration Services (AIS), Enterprise Service Bus (ESB), REST/SOAP APIs, XML/JSON/MQ, SFTP Integration, Power Automate, API Governance, BIOSTAR Integration, Enterprise Application Integration	Infrastructure & Cloud Linux Administration, Windows Server, Microsoft Azure, AWS, VMware, Hyper-V, QEMU, Reverse Proxy Platforms, Active Directory, DNS Management, Disaster Recovery, High Availability, Infrastructure Hardening	Development & Automation Java, PHP, JavaScript, PowerShell, Shell Scripting, HTML/CSS, Free Pascal, Workflow Automation, Reporting Automation, Enterprise Utilities Development	Database & Security MySQL, RSA Encryption, AES Encryption, Security Validation, Enterprise Security Standards, Infrastructure Security, Networking Fundamentals
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PROFESSIONAL EXPERIENCE

SAUDIA TECHNIC (ST) Senior Integration Specialist	Jeddah, Saudi Arabia 2022 – Present
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- Lead enterprise integration and digital transformation initiatives supporting aviation operational systems, including AMOS interfacing and backend system integrations.
- Architect and manage enterprise integrations between core business systems, middleware platforms, Azure services, APIs, and third-party applications.
- Develop scalable automation workflows using Azure Integration Services (AIS), Power Automate, APIs, and SFTP integrations.
- Manage enterprise middleware operations, production deployment, UAT coordination, release validation, and operational readiness.
- Support high-availability enterprise environments and mission-critical production systems, applying DevOps principles.
- Develop operational dashboards, enterprise monitoring solutions, automated notifications, and reporting enhancements.
- Implement enterprise-grade integration security standards for APIs, SFTP workflows, and data exchange.
- Support cloud integration initiatives across development, testing, and production environments.
- Participate in CAB meetings, deployment planning, and enterprise release coordination.
- Build automated reporting solutions improving operational visibility and management reporting.

SAUDIA AEROSPACE ENGINEERING INDUSTRIES (SAEI) Integration Specialist	Jeddah, Saudi Arabia 2018 – 2022
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- Designed and deployed enterprise integrations using XML, MQ, JSON, APIs, and middleware transformation workflows.
- Developed Excel-to-XML automation engines supporting Work Order processing.
- Managed General Ledger Interface automation and enterprise financial synchronization workflows using Power Automate.
- Built automated reporting and analytics pipelines improving operational visibility.
- Reduced AMOS startup latency to approximately 5 seconds through performance tuning.
- Integrated barcode and NFC technologies for maintenance tracking and operational efficiency.
- Supported high-availability Linux environments for aviation operational systems.
- Developed Java-based automation tools and GUI-based database extraction utilities.
- Applied RSA and AES encryption standards for secure enterprise data transmission.
- Automated Boeing SFTP confirmation notifications and interface operational alert workflows.
- Supported AirVault (GE) and Laserfiche integrations for document digitization.
- Engineered BIOSTAR integration for clock-in/clock-out processes to update TAM system in real time.

Systems Administrator - Managed Linux and Windows enterprise servers supporting operational environments. - Engineered reverse proxy platforms for secure enterprise application delivery. - Configured Microsoft Azure infrastructure and virtualization platforms including VMware, Hyper-V, and QEMU. - Managed Active Directory synchronization, infrastructure monitoring, and operational maintenance. - Supported disaster recovery planning, backup operations, and infrastructure optimization. - Developed shell scripts for automation, monitoring, and operational reporting. - Supported SSL certificate deployment, renewal, and HTTPS validation. - Managed reverse proxy access logs, error logs, monitoring, and troubleshooting.	2014 – 2018
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Junior Systems Administrator - Administered AMOS user accounts, cron jobs, and enterprise printing services. - Supported technical documentation systems for operational manuals. - Assisted with Linux administration, troubleshooting, and operational support. - Monitored scheduled jobs, enterprise services, and operational support environments.	2013 – 2014
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KEY PROJECTS

Enterprise Integration BIOSTAR integration for clock-in/clock-out to update TAM system; General Ledger Interface Automation using Power Automate; Boeing Modification Status Interface to send modification status information to Saudia Engineering; ESB Monitoring & Reporting; Boeing SFTP Notification Automation	Enterprise Applications Document Management Platform; Attendance Management System; Emergency Alert System; Mobile Enterprise Application; Reporting Dashboards; Enterprise Workflow Automation
Infrastructure & Monitoring Reverse Proxy Platform; AirVault (GE) Integration; Laserfiche Document Management; ServerMonitor; PCInfo; QRCode Application; Enterprise Scheduling Automation	Enterprise Platforms ERP Systems AMOS MAXIMO ESB Middleware Laserfiche SharePoint Power BI Technical Documentation Systems OEM Portals & Interfaces

EDUCATION & CERTIFICATIONS

Education: Bachelor of Information Technology King Abdulaziz University GPA: 4.47 / 5.00	Certifications & Training: Microsoft Security Operations Analyst (2025) PMP (35 Training Hours, 2024) Enterprise Linux Administration Cloud Infrastructure & Virtualization Networking Fundamentals ITIL Foundation
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