

Ahmed Asker

Pre-sales Engineer

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Solutions Architect specializing in ERP, IoT, telematics, and enterprise integrations. Experienced in solution design, technical presales, and system implementation, with a strong ability to translate business requirements into scalable technical solutions.

Skills

Process Automation

Problem Solving

Vendor Management

Troubleshooting

Team Management

ERPNext

Frappe

Python

Data Migration

Docker

MQTT

IoT & Telematics

Work Experience

Pre-sales Engineer, *Intelligent Machines*

01/2025 – Present | Riyadh, Saudi Arabia

- Delivered ERP implementation and customization projects for 3 enterprise customers, translating business requirements into scalable technical solutions.
- Architected and deployed 10+ enterprise system integrations between ERP platforms and external systems, enabling process automation and seamless data exchange.
- Led technical presales activities for opportunities exceeding SAR 3 million, including solution design, requirements discovery, technical presentations, and scope definition.
- Identified and implemented automation and integration initiatives that reduced internal operational effort by 20–30%.
- Mentored and guided a team of 4 developers, providing technical direction and implementation oversight.
- Primary technical lead for enterprise telematics environments supporting 20,000+ connected vehicles.

System Engineer, *Intelligent Machines*

07/2022 – 12/2024 | Riyadh, Saudi Arabia

- Executed end-to-end presales engagements, including solution demonstrations, requirements gathering, proposal support, and post-sales consulting.
- Identified and deployed an open-source omnichannel platform, generating an estimated \$12,000–\$25,000 in licensing savings over two years.
- Integrated WhatsApp, Facebook, Instagram, and telephony channels into a unified communication platform supporting 10,000+ customer conversations.
- Designed and deployed a field service management system that processed 45,000+ operational tickets and supported 25+ field technicians.
- Deployed and maintained business-critical communication and infrastructure systems, including Yeastar IVR, NGINX reverse proxying, SSL management, and application routing.
- Managed telematics hardware deployment, secure MQTT infrastructure, and business-critical application routing.

Education

Bachelor of Science, Computer Engineering

06/2022 | Riyadh, Saudi Arabia

Prince Sattam bin Abdulaziz University

- GPA: 4.9/5.0; First Class Honor
- Achievements: 5th Place ACM Programming Jam 7.0 (2022), 13th Place ACM Programming Jam 6.0 (2021), 3rd Place Sattam Programming Competition (2019).

Certificates

Project Managent Professional (PMP), *Project Management Institute*

01/2026

AWS Certified Cloud Practitioner, *Amazon Web Services (AWS)*

05/2023

Languages

Arabic — Native

English — Fluent

Russian — Conversational

Chinese — Basic