Ali Mohamed

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PROFESSIONAL SYNOPSIS

Experienced Solution Architect with a track record of delivering high-impact technical solutions. Leveraging a comprehensive skill set encompassing cloud computing, system architecture, and software development, I excel in crafting innovative and scalable architectures those align with strategic business objectives. With a Goal-oriented and collaborative business mindset, I lead cross-functional teams towards achieving targets and performing beyond expectations. I am passionate about digital transformation and giving back to the community. Currently looking for a challenging full-time opportunity to drive meaningful impact within a dynamic and collaborative environment.

EDUCATION

American University of Sharjah, UAE
M.Sc. (Hons First Class) in Computer Engineering
2015 – 2017

University of Khartoum, Sudan
B.Sc. (Hons First Class) in Software Systems Engineering
2009 - 2014

GENERAL SKILLS

- Architectural Patterns
- Microservices Architecture
- Systems Integration
- Requirements Analysis
- Solution Design
- Technical Documentation
- Telecom Solution Design
- BSS/OSS
- B2B | B2C
- Cyber Security
- Workflow Governance
- CRM Implementation
- ERP Implementation
- Data Analysis
- Service Orchestration
- Automation
- Performance Optimization
- Risk Management
- Project Management
- Stakeholder Engagement
- Vendor and 3rd Party Management
- Agile Methodologies

PROFESSIONAL EXPERIENCE

Etisalat by e&

E2E Solution Architect   Dec 2022 – Present

Role Description

- Collaborate with business stakeholders to define scope and analyze the requirements to ensure a deep understanding of business needs and constraints.
- Translate the requirements into technical specifications and architectural blueprints.
- Evaluate and select appropriate methodologies, technologies, and platforms to define system architecture, data architecture, integration points, and scalability considerations.
- Develop comprehensive solution designs that align with business requirements, technical specifications, and architectural standards.
- Create architectural diagrams and technical documentation to effectively communicate complex technical concepts to both technical and non-technical stakeholders.
- Work closely with cross-functional implementation teams to ensure the solution is delivered according to the design.
- Optimize performance by identifying bottlenecks, conducting performance tuning, and implementing best practices for scalability and efficiency.
- Ensuring adherence to security standards and compliance requirements by designing and following robust security measures to protect sensitive data and eliminate security risks.
- Collaborate with external vendors and partners to assess and integrate 3rd party solutions into the overall architecture while meeting quality and performance standards.
- Engage with quality assurance teams to define test strategies and ensure proper testing of the solution.
- Identify potential risks and develop mitigation strategies to address them in a proactive manner.
- Provide leadership in solution-related activities and guidance on technical decisions throughout the project lifecycle to ensure alignment with project goals and objectives.

Achievements

- Successfully designed and launched multiple critical projects & enhancements, including cash cow & rising star products, those have made a significant impact in revenue.
- Demonstrated expertise in creating innovative and scalable solutions those involved designing and 100% automating one of the company's major products with a 10K+ VIP customers, which led to upwards of 70% reduction in time to market, 80% resource optimization and 100% flexibility in product bundling and configuration.
- Received recognition and accolades for consistently delivering high-quality solutions that have exceeded business expectations and contributed to the company's growth.

Speridian

Computer Engineer   Sep 2022 – Dec 2022

Role Description

- Elicitation of the Requirements & scope refinement with relevant stakeholders.
- Defining the current process (As-Is) and devising the future process (To-Be).
- Maintain/ prioritize & validate business and system requirements.
- Manage user acceptance testing (UAT) and coordinate with relevant stakeholders.
- Responsible for the successful system delivery by liaising between the technical & the business team members.
- Ensuring successful launch by providing the necessary training & knowledge material

Major Customers/Stakeholders

Community Development Authority, Awqaf & Minors Affairs Foundation, Dubai Courts – Dubai UAE.

Etisalat by e&

Software Engineer – Automation   Mar 2019 – Sep 2022

Role Description

- Developing The solution concept, scope, roadmap & plan (product vision).
- Elicitation of the Requirements & scope refinement with relevant stakeholders.

- Digital Transformation

TECHNICAL SKILLS
- UML
- JIRA
- QAT | UAT | Smoke Testing
- Cloud (Azure)
- Git
- HTML | CSS | JavaScript
- Python (Django)
- Databases (SQL, NoSQL) MySQL | MongoDB
- Tableau
- Automation | RPA
- APIs | System Integrations
- Monitoring | Logging
- Data Analysis | Python
- DevOps | CI/CD | Git | Jenkins
- Docker | Kubernetes
- Networking | Security (DevNet)
- OS | Linux
- Shell Scripting | Bash | PowerShell

PERSONAL ATTRIBUTES
Proactive
Leadership and Interpersonal skills
Creative and analytical thinking
Presentation skills
Teamwork
Tasks management skills
Continuous learning

LANGUAGES
English, Arabic   **Fluent**
French   **Beginner**

- Defining the current process (As-Is) and devising the future process (To-Be).
- Maintain/ prioritize & validate business and system requirements.
- Develop and maintain automation solutions based on business needs.
- Manage user acceptance testing (UAT) and coordinate with relevant stakeholders.
- Responsible for the successful system delivery by liaising between the technical & the business team members.
- Ensuring successful launch by providing the necessary training & knowledge material.
- Vendor/ solution and RFQ evaluation & assessment.
- Adhering and building agile environment (SCRUM).
- Data Mining & Visualizing insights to ensure that the best business decision is taken.
- Using JIRA system to manage sprints, user stories, generating progress reports ...etc.

AWARDS & Achievements
- CTIO Top projects list for 2021.
- Reducing Time to Market by 80% on SMB and Enterprise Products.
- Reducing 50% Man Hr. required for fixed service provisioning and instantiation.
- Presented Network Automation Solutions, KPIs and Achievements in Etisalat's Annual Town Hall meeting at CXO level.
- Employee of the month – Etisalat 2020 Oct

American University of Sharjah
Graduate Teaching & Research Assistant   2015 –2018
Role Description
- Preparing and teaching undergraduate computer science labs "C++, Data structure, Software engineering, Python and Internet computing", and mentoring students in practical projects.
- Conducting research on various topics in the fields of IoT and Data Mining, and publishing conference and Journal scientific papers.

Ericsson
OSS/BSS Integration Engineer   2014 – 2015
Role Description
- Handling customer requirements, performing support and troubleshooting activities on Ericsson OSS "network NMS"/BSS "Charging & Billing in one" solutions.
- Conducting UAT with customers and obtaining signoff on the delivered solutions and enhancements.
- Proactively suggest areas of improvement and performance enhancements on solutions delivered to customers.
- Preparing network health statistics and reports.

PROFESSIONAL CERTIFICATES
- **AZ-305:** Microsoft Certified Azure Solution Architect.
- **AZ-104:** Microsoft Certified Azure Admin.
- **AZ-204:** Microsoft Certified Azure Developer.
- **JNCIA-DevOps:** Juniper Networks Certified Internet Associate – DevOps.
- **AZ-900:** Azure Fundamentals.
- **IBM Data Science Professional Certificate.**

Publications
- **Evaluating Classroom Activities Using Low-Cost Sensors and IOT Technologies**, International Conference on Education and New Learning Technologies, **Barcelona, Spain: 2016.**
- **DSP-based dispersion compensation: Survey and simulation**, International Conference on Communication, Control, Computing and Electronics Engineering **(ICCCCEE), 2017.**
- **Radio frequency fingerprinting techniques for device identification: a survey,** International Journal of Information Security, **Int. J. Inf. Secur. 2023.**