

# Saad Fawaz Almalki

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## CAREER SUMMARY

I worked in Saudi Arabia more than 7 years in Project Management (PMO)/Project consultant international firms for Makkah Public Transport Programme (MPTP) as a Supervisor in Transportation Systems and Bus Integrated Systems, including Tendering RFPs, Evaluations, Negotiations, Contracting, Design review and Testing and commission (FAT & SAT), and worked in various departments in the project. And various training in large Metro and Bus projects.

## EDUCATION

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**University of Leeds, UK** | Bachelor in Electronic and Electrical Engineering July. 2013

- GPA: 3.3/4.0

**UITP, Saudi Arabia** | UITP Public Transportation Diploma Program June. 2019

## EXPERIENCE

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### Project Supervisor

06/2018 – Present

Makkah Mass Rail Transit Company, Saudi Arabia, Makkah

Provision of Project Management and supervision of the Transportation Systems area during tendering, Evaluation, Awarding, system design specification, testing and commissioning (FAT, SAT) and implementation phase for Makkah Public Transport Program (MPTP);

#### Key Accomplishments:

- Tendering and awarding the contract of Makkah Bus project.
- Managing and supervising all the Transportation systems design and installations for 400 Buses for the project:
  - Computer Aided Dispatch (CAD) / Automatic Vehicle Location (AVL)
  - Electronic Fare Payment System (AFC)
  - Maintenance Management Software
  - Datacentre networking and IT infrastructure,
  - Traffic Signal Control System, Transit Signal Priority-Emergency Pre-emption System (TSP)
  - Pedestrian Signal Control System, Traffic Congestion Monitoring System
  - All system interfaces to third Parties e.g. other public transport companies, Banks, Bus manufactures.
- Improved the ITS systems design and requirements.
- Managed and led the team for testing and commissioning (FAT, SAT) of all devices delivered to project.
- Identifying the project risks and preparing the project GAP analysis.
- Managed complex hardware, software, and network problems to accurately resolve issues, and prepare reports summarizing and analysing the issues.
- Approving the resources needed for the project supervising team (PMCM).
- Managed all Stakeholders needs and coordination.
- Managed the approving and monitoring of all suppliers.
- Supervised the performing and overseeing all Engineer's duties provided by suppliers and periodical report (weekly) about the project performance to the CEO.
- Managed the review, comments, and approval of all design documents.
- Managed the integration between different system and different suppliers.
- Managed the Evaluation committee and Bus Prototype testing and commissioning committee.
- Managed the led the team for the preparation and tendering the Automatic Fare Collection (AFC) RFP and technical requirements.
- Supervising the Project Mobile application and website requirements and design with the Marketing Team.
- Managing and approving the project variations and payments.

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## Electrical Engineer

12/2013 – 06/2018

Parsons Brinckerhoff/WSP Middle East, Saudi Arabia, Makkah

Served as Electrical Engineer in PMOC (WSP | Parsons Brinckerhoff) for Makkah Public Transport Programme (MPTP)  
Work included the following:

- Preparation of RFP's (including metro network preliminary design and a Program Management Office Consultancy, PMOC).
- Member of the Technical Team for Signalling with a knowledge of the CBTC system (Automatic Train Protection, Automatic Train Operation, Onboard ATC, Wayside ATC, Data Communication Systems (DCS)), Interlocking, Fallback System, Platform Screen Doors (PSD) management, Interfaces with other systems.
- Member of the Technical Team for Telecommunication with a knowledge of the LAN System, Public Address System, Passenger Information System, Telephone System, Radio Communication System, Closed Circuit Television, Access Control System (ACS), Clock System, Fire Detection, The Broad Band Radio System (BBRS). telecom infrastructure.
- Participating in reviewing and evaluating the preliminary design for Metro Project.
- Participating in the evaluation of technical bids and in Communications and meetings with bidding Tenderers.
- Coordination and follow up of consultants' activities, studies, and reports.
- Involved in transportation improvement studies for the metro network preliminary design.
- Member of Technical Team for Metro Systems department.
- Participating in Contracts and legal Department.
- Preparing report for the High Authorities and Makkah Prince for the project activities.

## On Job Training

Training Title	Al Mashaer Al Mugaddassah Metro line, <b>Makkah, Saudi Arabia</b>	1 Month
Training Title	Light Transit: Overview and Operation & Maintenance Familiarization <b>Kuala Lumpur, Malaysia</b>	1 Month
Training Title	Metro Systems Familiarization, <b>Istanbul, Turkey</b>	10 Days

## Practical Training

Training Title	Riyadh Bus Factory Acceptance Test (FAT)	4 days
Location	Mannheim, Germany	

Observation of all the aspects of the FAT for the 18m and 12.5m Mercedes Benz Buses for Riyadh Transportation Project

## Courses and Development

PMI – PMP Exam Preparation Course 35 hours  
Big Data and Data Analytics Certification  
Intelligent transport System (ITS) in Public Transport Training, UITP  
CMI3 Personal Development as a First Line Manager  
Leadership Advantage: Building and Leading Teams  
Leading Teams: Building Trust and Commitment  
Harvard Manage Mentor: Negotiating  
Effectively Communicating in Teams

## SKILLS

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Mobility | Transport strategy | Project Management | RFP preparations | Tender Preparation | Evaluations | Contract Management | Integration | Stakeholder Management | Project Planning | Reports | Teamwork | Solidworks | Microsoft Project | Aconex | Microsoft Office (Word, Excel, and PowerPoint) | Testing | Time management | Critical Thinking | Organization Skills | Project Management Office (PMO) | Rail Transport

## References

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Available upon requests