

SHERIF SALAH

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Riyadh Saudi Arabia

PROFESSIONAL SUMMARY

Adept at BIM coordination and model management, I enhanced project efficiency by 30% at JAK Construction through expert clash detection and stakeholder coordination. My proficiency in BIM software and Python programming, coupled with a knack for GIS analysis, positions me as a dynamic asset in infrastructure development.

KEY COMPETENCIES

- BIM Coordination and Model Management
- Python programming
- Clash Detection and Resolution
- Project Collaboration and Stakeholder Coordination
- Data Management and Visualization
- Technical Documentation and Reporting
- BIM software proficiency
- Asset Information
- COBie schema
- 4D simulation
- GIS analysis
- Point cloud processing
- Training and support
- IFC management

EXPERIENCE

10/2024 - Current

SR. Infrastructure BIM Coordinator, Duncan & Ross, Saudi Arabia

- Responsible for managing and coordinating Building Information Modeling (BIM) processes across various disciplines in construction and infrastructure projects.
- Ensure model accuracy, detect and resolve clashes, and facilitate collaboration between architects, engineers, and contractors.
- Role includes maintaining BIM standards, optimizing workflows, and ensuring compliance with industry regulations.
- Provide technical support, oversee data integration, and contribute to the efficient execution of design and construction processes, improving project coordination, and reducing risks.

01/2020 -
10/2024

SR. Infrastructure BIM Coordinator, JAK Construction, Qatar

- I have extensive experience in mega infrastructure projects, having previously worked as a Sr BIM Coordinator at JAK Co
- My role involved managing and coordinating Building Information Modeling (BIM) to ensure seamless integration across engineering disciplines, optimizing design and execution efficiency using the latest BIM technologies
- Oversees the implementation and management of BIM processes in construction and infrastructure projects
- Ensure seamless coordination between disciplines, resolve design conflicts through

- clash detection, and maintain BIM standards and workflows
- Role involves integrating data, optimizing project collaboration, and ensuring compliance with industry best practices
- By leveraging BIM technology, enhance project efficiency, accuracy, and communication among stakeholders

12/2017 - 01/2020 **BIM Coordinator, JAK Construction, Doha, Qatar**

- Oversees the implementation and management of BIM processes in construction and infrastructure projects.
- Ensure seamless coordination between disciplines, resolve design conflicts through clash detection, and maintain BIM standards and workflows.
- The role involves integrating data, optimizing project collaboration, and ensuring compliance with industry best practices.
- By leveraging BIM technology, enhance project efficiency, accuracy, and communication among stakeholders.

03/2015 - 12/2017 **Chief Surveyor & Technical Team Coordinator, HCC Construction, Qatar**

- Oversees and manages all surveying activities on a project, ensuring accuracy in measurements, mapping, and data collection
- They coordinate survey teams, verify land and construction layouts, and ensure compliance with project specifications and regulations
- Their role is crucial in maintaining precision for design, construction, and land development

12/2012 - 03/2015 **SR. Surveyor, QBC Construction, Qatar**

- Overseeing surveying operations, ensuring accurate measurements, and verifying site data for construction and land development projects
- They coordinate field teams, analyze survey reports, and ensure compliance with project specifications and industry standards
- Their role is essential in maintaining precision and supporting efficient project execution

04/2011 - 11/2012 **GIS Technician, The Arab Contractors, Cairo, Egypt**

- Data Management: Collect, update, and maintain GIS databases from various sources.
- Mapping and Visualization: Create accurate maps, 3D models, and visual reports.
- Spatial Analysis: Analyze geographic trends and generate insights.
- Software and Tools: Use GIS software (ArcGIS, QGIS) for data processing.
- Support and Troubleshooting: Assist teams, resolve GIS-related issues, and provide training.
- Quality Control: Ensure data accuracy, security, and compliance with standards.

01/2009 - 01/2011 **GIS Technician, Orascom Construction LTD, Cairo, Egypt**

- Data Collection and Management: Gather, digitize, and maintain GIS databases.
- Software & Tools: Use GIS software (ArcGIS, QGIS) for spatial analysis and mapping.
- Cartography and Mapping: Create accurate maps, 3D models, and visual representations.
- Analysis and Reporting: Perform spatial analysis and generate reports for decision-making.
- Technical Support: Assist teams, troubleshoot issues, and provide GIS training.
- Compliance and Quality Control: Ensure data accuracy, security, and adherence to standards.

EDUCATION

- 01/2024 **Bachelor's degree in civil engineering**
Bircham International University
Ongoing
- 03/2022 **Bachelor of Project Management**
Midocean University
- 05/2012 **Bachelor of Geographic Information Systems**
Al Mansoura University

WEBSITES, PORTFOLIOS, PROFILES

- [linkedin.com/in/sherief-salah-4574732a5](https://www.linkedin.com/in/sherief-salah-4574732a5)

CERTIFICATIONS

- Autodesk Certified Professional: Civil 3D
- BIM for Infrastructure: Civil 3D, Navisworks, Revit, Infracore, Inventor
- BIM for Construction Management and Planning
- BIM: Highway and Transportation Infrastructure Modeling
- Data Management Practices in Civil 3D
- Advanced CAD: Design Skills for Engineers
- Surface Modeling for Infrastructure Design

PROJECTS

- Diriyah Gate II Infrastructure Package 1 (Saudi Arabia)
- ROAD IMPROVEMENT WORKS IN DOHA CITY PHASE 1 (Qatar) RIW IN WESTERN AREAS (Qatar)
- DESIGN AND CONSTRUCTION AL BUSTAN STREET (Qatar)
- NORTH (P007 C7 P2) UPGRADE OF AL OYOUN STREET (Qatar)
- DESIGN AND CONSTRUCTION AL BUSTAN STREET NORTH (P007 C7 P2) EXTENSION OF AL MARKHIYA STREET (Qatar)
- DESIGN AND CONSTRUCTION AL BUSTAN STREET NORTH (P007 C7 P2) EXTENSION OF AL ITTIHAD STREET (Qatar) EAST INDUSTRIAL ROAD PROJECT P017 (Qatar)
- DBOM OF AL DHAKHIRA SEWAGE TREATMENT WORKS, TRANSFER PUMPING STATION AND ASSOCIATED PIPELINES (Qatar) SECTION V - LINK ROAD FROM N8 WEST TO CEREMONY ROAD (P059) (Qatar)
- AL KHOR CORNICHE RENOVATION (Qatar) AL KHOR LOCAL ORBITAL ROAD (Qatar) DESIGN & CONSTRUCT SERVICE ROAD ENHANCEMENT TO NORTH ROAD CORRIDOR (P059) (Qatar)
- The infrastructure of Al Rayyan Stadium (sewage and surface water drainage systems) (Qatar)
- The infrastructure of Thumama Stadium (sewage and surface water drainage systems) (Qatar)
- GTC 299 Kahramaa (Qatar)
- Arrival hall and tickets gates at Doha port (Qatar)
- Playing areas, tennis courts and multipurpose playgrounds, Barwa city (Qatar) Qatar equestrian and racing club main entrance, inner roads and car parking (Qatar)
- Madina central the pearl Qatar, internal roads (Qatar)
- Asphalt laying at GD-CPC camp (Qatar)
- WAHAT road project (Egypt)
- Development of the International Coastal Road from Rashed to Gamsa (Egypt)
- Borg El Arab International Airport (Egypt)

LIST OF LATEST RESPONSIBILITIES ACCOMPLISHED/MASTERED:

- Reaching Expert Level in BIM Delivery and software's such as : Revit, Navisworks, Civil 3D, AutoCAD, Tekla, AECOSim, Dynamo, API Plugins creation, COBie, C#, Python, XML, Visual Studios
- Expert in Writing API Plugins for Revit (2019+) using C# Programming Language and Python
- Expert in Automation using Navisworks and BIM Implementation Systems
- Works under general supervision and Providing 3D up to 7D Models using Project Specifications
- Provide insight into new time saving methodologies and assisting project/site teams in visualizations, time saving by coordination process.
- Leading as a BIM Coordinator team of Engineers and subcontractors specifically in Models production and project's delivery (Bentley, Autodesk Product, Uniclass as project information), including families, data group catalogs, Compound cells, data group definitions.
- Training my team, contractors and Client COBie process starting from configuration the BIM Model until producing COBie spreadsheets (including NON-BIM Data) as per the Asset Management requirements in technical workshops.
- Maintaining weekly progress meetings to reach coordinated models' delivery and clashes resolutions by developing federated model. diagrams to moderate/Monitor clashes progress, supervising WIP models and monitoring each phase as per Project's BEP.
- Prepare reports and cooperate in auditing activities.
- Writing Automation macros (Visual Studios) in order to serve the projects requirements. (Conditional)
- Participating in writing project's documents starting from BEP, EIR QA/QC check lists, AIR, MIDP, TIDP, OIR, AMS, Codification Manuals, AIM, MDS, developing unified maintainable asset list and look up tables & guidelines for each asset in the project.
- Assisting Client in classifying elements of the projects (Maintainable and non-maintainable items, Assets, Linear and Static Items)
- Advising Contracts team by supporting (if/any) documents needed with our claims or against variations towards us by defining contractual aspects
- Running a QA/QC checklist on the federated models in a bi-weekly phase
- Specifying the exact LOIN (Level of Information Needed) for the project.
- Supervising Coordination process of infrastructure dry and wet utilities per phase of the project
- Developing and Training team as Per PAS1192 and ISO 19650 how to upgrade Models/Project to LOD 500 FM handover.
- Training Client Engineers in developing BIM Terminologies, awareness and Facility management processes.
- Implementing Timeliner and Cost liner per phase in order of producing 4D Simulation and 5D sequence models using Navisworks
- Advising Contractors & Subcontractors how to handle/Proceed each phase of the BIM implementation plan

LANGUAGES

- Arabic, Native
- English, Advanced

BIM SOFTWARE

- BIM 360
- CIVIL 3D
- REVIT
- NAVISWORKS
- INFRAWORKS
- INVENTOR
- ArcGIS & ArcMap
- AUTOCAD
- DYNAMO
- SYNCHRO
- InfoDrainage