

Wisam Safaa Abdulateef

Senior Structural Engineer | PhD in Computational Methods in Engineering

Contact Information

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Professional Summary

Dedicated and detail-oriented **Senior Structural Engineer** with over a decade of experience in structural design, earthquake engineering, and smart structures. Skilled in computational methods, fuzzy logic systems, and advanced analytical modeling. Proven track record of leading multidisciplinary teams across Iraq, UAE, and Malaysia to deliver innovative solutions for complex engineering projects.

Core Skills

- Structural Design (Residential, Commercial, Bridges, Infrastructure)
- Earthquake Engineering & Seismic Analysis
- Smart Structures & Fuzzy Logic Systems
- Project Management (Budgets, Timelines, Resources)
- Quality Assurance & Inspection Protocols
- Technical Documentation & Reporting
- Academic Teaching & Research Supervision

Professional Experience

Engineer – Roads and Bridges Directorate 06/2023 – Present, Iraq

- Led project teams managing timelines, budgets, and resources.

- Prepared technical reports and documentation for proposals and assessments.

Head of Building Inspection Dept – Albatayeh Municipality 07/2017 – 09/2023, United Arab Emirates

- Implemented quality assurance protocols for inspections.
- Trained staff on updated building regulations and safety standards.
- Oversea, evaluation and approval of structural drawings.
- Prepared comprehensive inspection reports with recommendations.

Structural Engineer – Sada Al Fadhaa Consultings 08/2023 – Present, Iraq

- Designed structural solutions for residential, commercial buildings and event halls.

Structural Engineer – Al Fadhaa Bureau 11/2013 – 07/2014, Iraq

- Supervised residential unit construction.
- Designed schools, halls, and bridges.
- Prepared bills of quantity and geometric road designs using Civil 3D.
- Drafted technical drawings with AutoCAD.

Lecturer – Samaraa University 02/2014 – 04/2014, Iraq

- Taught undergraduate architecture students.
- Supervised civil engineering lab tests.

Civil Engineer – Directorate of Sewerage, Tikrit City 07/2013 – 04/2014, Iraq

- Monitored sewage network projects.
- Audited engineering standards and lab test results.

Site Engineer – Safh Jabal Ali 07/2011 – 08/2013, Iraq

- Supervised earthworks, concrete, reinforcement, and MEP installations.
- Ensured compliance with engineering specifications.
- Prepared daily progress reports.

Education

- **PhD, Computational Methods in Engineering** – Universiti Putra Malaysia (2020–2024)
- **Master's Degree, Structural Engineering** – University of Tikrit (2011–2014)
- **Bachelor's Degree, Civil Engineering** – Tikrit University (2007–2013)

Key Achievements

- Increased project delivery efficiency by 30%.
- Reduced inspection report errors by 25%.
- Trained 50+ staff on updated safety standards.
- Improved design approval efficiency by 40%.

Certifications

- IELTS – British Council
- KNX Association Certification
- ISO 45001:2018 Occupational Health & Safety Management Systems
- Prestress Concrete Member Design – International Institute of Concrete Design

Technical Skills

- Structural Design & Analysis (ETABS, STAAD, Civil 3D, AutoCAD)
- Finite Element Analysis (FEA)
- Earthquake Engineering, Smart Structures, Fuzzy Systems
- Project Planning & Management (MS Project, Microsoft Office)
- Geotechnical Engineering, Surveying, Reinforced Concrete Design

Languages

- Arabic – Native
- English – Advanced

Interests

Jogging, Reading