

# Abdelhamid Mohamed Abouzeid Eid

Senior Urban & Regional Planning Engineer | GIS & Spatial Data Analyst | Urban Development Expert

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Dynamic and results-driven Urban and Regional Planning Engineer with over 16 years of experience delivering strategic master plans, site development projects, and land use optimization for high-profile government entities in Saudi Arabia and Egypt. Specialized in spatial data analysis using advanced GIS technologies (ArcGIS), AutoCAD, and Power BI, with a strong command of urban planning regulations and standards aligned with Vision 2030. Demonstrated success in leading cross-functional teams, preparing technical reports, and implementing innovative urban development solutions that enhance planning efficiency and visual clarity. Expert in creating interactive dashboards, managing large-scale urban datasets, and transforming raw geographic information into actionable insights to support strategic decision-making.

## Education

May 2009

### Bachelor of Engineering – Urban and Regional Planning

Cairo University – Cairo, Egypt

- **Grade:** Good
- **Graduation Project:** Urban Development Plan for Qena City Region 2030 – Grade: Very Good

## Work Experience

Jul 2022 - Present

### Project Manager & Urban Planning Expert

Ofuq Kayan Contracting Company – Riyadh, Saudi Arabia

- Managed a high-profile project with the Ministry of Sports involving the evaluation and strategic planning of 446 government-owned lands across Saudi Arabia.
- Developed land-use optimization proposals supported by technical and spatial analysis to align with national development objectives.
- Prepared detailed reports, conducted visual distortion analysis, and delivered actionable urban planning recommendations.
- Led cross-functional teams, coordinated task distribution, and held regular meetings with stakeholders to maintain project alignment.

May 2020 - Jun 2022

### Urban Planning Expert

AD Engineering Company – Makkah, Saudi Arabia

- Contributed to the planning and urban survey of Makkah by analyzing urban challenges in 8 key districts.
- Produced analytical reports identifying elements of visual distortion and proposed urban design interventions.
- Collaborated with local authorities to ensure implementation strategies were aligned with planning standards.

Jan 2018 - Mar 2020

### Urban Planning Engineer

Madad Al Ofoq Engineering Consultancy – Riyadh, Saudi Arabia

- Led a team in the development of over 500 fiber optic layout plans in support of Vision 2030 infrastructure expansion.
- Trained staff on AutoCAD and GIS tools, ensuring accuracy and efficiency in spatial planning.
- Managed deliverables, coordinated with the administrative follow-up team, and ensured compliance with submission timelines.

Jul 2017 - Dec 2017

### City Planning Engineer

Alnowaiser Engineering Consultants – Riyadh, Saudi Arabia

- Researched and evaluated over 10 international urban land efficiency models to support a national planning framework.
- Applied customized indicators to assess land efficiency in Riyadh, Dammam, and Jeddah.
- Participated in government-led workshops and contributed to the development of new regulatory recommendations.

Mar 2015 - Jun 2017

### Urban Planning Engineer (Team Leader)

Dar Al Taawun Engineering Consultancy – Riyadh, Saudi Arabia

- Supervised a planning team for a comprehensive cadastral and urban survey covering 2,077 villages in Riyadh region.
- Designed and implemented a geographic database integrated with base maps to support regional planning decisions.
- Developed criteria to select 200 priority villages for development planning initiatives.
- Attended strategic workshops with the Ministry of Housing and Ministry of Municipal and Rural Affairs to align outputs with national planning frameworks.

Dec 2014 - Mar 2015

### City Planning Engineer

Dar Al Taawun Engineering Consultancy – Riyadh, Saudi Arabia

- Conducted a full inventory of government-owned lands and developed a GIS-based database for land use tracking.
- Delivered spatial analysis reports and land classification proposals to support the Ministry of Municipal and Rural Affairs.

Feb 2010 - May 2014

**Urban Planning Engineer**

**General Organization for Urban Planning – Egypt**

- Created detailed development plans for 43 villages in Aswan Governorate, aligning with national rural development policies.
- Participated in preparing strategic urban plans for cities including Safaga, Qusayr, Halayeb, Luxor, and Rhodesiya Kebili.
- Utilized GIS and AutoCAD to deliver accurate urban plans and development diagrams.
- Contributed to the Urban Observatory project for Southern Upper Egypt, monitoring growth patterns and heritage protection needs.
- Participated in a national initiative to preserve the historical urban fabric of archaeological areas in Aswan.

May 2009 - Feb 2010

**Urban Planning Engineer**

**Azmi Abdel Hadi & Abdullah Al-Muaibid Engineering Consultants – Cairo, Egypt**

- Contributed to the detailed master plan for the city of Tabuk, Saudi Arabia, focusing on zoning, land use, and infrastructure planning.

**Freelance Architect**

**Luxor & Aswan, Egypt**

- Designed architectural plans for private residential buildings and villas in Upper Egypt.
- Supervised on-site construction phases and managed coordination with local authorities for building permits and inspections.

**Training Courses**

**Getting Started with GIS**

[ESRI \(Online\)](#)

**Using ArcMap in ArcGIS Desktop 10**

[ESRI \(Online\)](#)

**Editing in ArcGIS Desktop 10**

[ESRI \(Online\)](#)

**SQL Server**

[Microsoft Office Course](#)

**Technical & Soft Skills**

**Urban Master Planning**

**GIS Spatial Analysis**

**AutoCAD Drafting**

**Site Planning & Land Subdivision**

**Geodatabase Management**

**Strategic Thinking**

**Problem Solving**

**Cross-functional Team Leadership**

**Stakeholder Coordination**

**Analytical Decision-Making**

**Languages**

**Arabic | Mother Language**

**English | Professional Working Proficiency**

**Practical Skills**

**1. Land Use Analysis and Zoning Interpretation** Conducted advanced evaluations of urban land parcels to determine optimal use cases, integrating legal zoning constraints with future development potential using GIS overlays and satellite data.

**2. Spatial Data Cleaning and Standardization** Performed extensive cleaning and normalization of raw spatial data from various municipalities, ensuring consistency across multiple GIS layers and improving data integrity for accurate analysis and reporting.

**3. Interactive Dashboard Development (Power BI)** Built custom dashboards to visualize urban growth trends, land distribution, and infrastructure readiness, enabling decision-makers to monitor urban expansion metrics in real time.

**4. Urban Design Visualization using AutoCAD & Photoshop** Produced high-quality urban layout illustrations by integrating CAD schematics with visual design elements in Photoshop, enhancing presentation materials for stakeholder and client meetings.

**5. Database Creation for Government Assets (SQL & GIS Integration)** Structured and maintained spatial databases for public lands, linking GIS data with SQL-driven backend systems to facilitate asset tracking and real-time updates for governmental planning departments.

**6. Planning Policy Impact Simulation** Used GIS modeling tools to simulate the impact of proposed planning policies on urban density, transportation accessibility, and public service coverage, helping stakeholders understand trade-offs before implementation.

**7. Stakeholder Communication & Spatial Storytelling** Translated complex planning data into simplified visual maps and diagrams tailored for non-technical audiences, improving stakeholder engagement and accelerating project approvals.