

Farrukh Zahid

SENIOR GIS SPECIALIST · PMP CERTIFIED

Al Wakrah, Zone 91, Qatar

☎ (+974) 70110973 | ✉ me@farrukh.me | 🏠 www.farrukh.me | 📺 imfarrukh



"you have to keep breaking your heart until it opens"

Summary

As a seasoned GIS professional with over 10 years of experience and a certified PMP Project Management Professional, I am dedicated to leveraging my expertise and passion for geographic information systems to drive innovation and success in geospatial projects. My goal is to apply my comprehensive knowledge and technical skills to address complex spatial challenges, optimize workflows, and make data-driven decisions that benefit organizations and communities worldwide. I am committed to advancing the field of geospatial technology and its applications across various industries. I aspire to assume leadership roles in GIS projects, spearheading initiatives that harness the power of spatial data to address global challenges, promote sustainable development, and improve quality of life. Through continuous learning and staying abreast of emerging GIS trends, I am dedicated to making a significant and lasting impact on the geospatial domain.

Professional Skills

- Spatial Data Analysis: Expert in analyzing and interpreting spatial data to reveal patterns and trends.
- Cartography: Proficient in creating accurate, detailed, and visually appealing maps.
- Geodatabase Management: Skilled in managing, maintaining, and enhancing geodatabases.
- Advanced GIS Software Proficiency: In-depth knowledge of software such as ESRI ArcGIS, QGIS, and other GIS tools.
- Spatial Data Visualization: Capable of visualizing spatial data clearly and effectively for informed decision-making.
- Field Data Collection: Experienced in gathering and processing field data for GIS integration.
- Geospatial Project Management: PMP certified, ensuring effective project planning, execution, and delivery.
- Geographic Database Development: Skilled in developing geographic database structures, including tables, forms, and reports.
- Remote Sensing and Image Analysis: Utilizing remote sensing data for comprehensive spatial analysis and interpretation.
- Cross-functional Collaboration: Seamlessly integrates GIS with other disciplines, working effectively with diverse teams.

PMP Certification

I have passed my Project Management Professional (PMP®) Certification on 16 October 2024.

Membership ID: 10548404

Expiration Date: 16 October 2027

Projects

- Suitable site selection for Ports in Artic region of Canada.
- TASMU Smart City Program Qatar
- Groundwater quality Mapping for Abu-Dhabi.
- Suitable site selection for wind turbine with the help of Spatial Multi-Criteria Analyses (SMCA).
- Power & Planning: Distribution USAID
- Punjab Saaf Paani (Government of Punjab)
- Capacity Building & Strengthening of Biomass Gasification Technology Support Systems USAID



ArcGIS Pro



ArcGIS Enterprise



ArcGIS Online



Work History

Proztec

Doha, Qatar

SENIOR GIS SPECIALIST

Jan. 2023 - Present

TASMU smart City Project:

- Digital Twin for Doha city
- Nearby instant and mobile application
- 3D Mesh Creation for Different zones and ESRI Apps (Desktop and Experience Builder)
- Installation of ArcGIS Server on Microsoft Azure virtual machines (VMs).
- Health Monitoring of GIS Servers (ArcGIS Enterprise)
- Database Management API's and Rest Services Management
- Maintain the Key Components of ARCGIS Enterprise (Portal, Datastore and Server)

Tomkulak

Tomkulak Consortium

Canada

GIS CONSULTANT-REMOTE VOLUNTEER

Jan. 2024 - Present

Suitable Site Selection for Ports in Arctic Regions of Canada.

- Suitable Site selection for Ports
- Analyzing the bathymetric Data
- Identification of best suitable tracks for cargo ships
- Sea depth monitoring
- shoreline analysis

EDARA-Du-Emirates Integrated Telecommunications Company

Dubai, UAE

SPECIALIST-ENTERPRISE FIXED GEOMARKETING

Nov 2021 to Dec 2022

As a Geomarketing Specialist:

- Finding the potential customers for the new products based on Community requirements.
- Identification of best suitable decision making for business growth based on geographical market analyses.
- Obtain detailed insights into markets, target groups (Government Key account and SOHO) and potential using regionalized market data such as 2GIS.
- Visualize large amounts of company and potential data on digital maps and analyze this data using ARCGIS applications.

Xad Technologies

Dubai, UAE

GIS PLANNER

Feb 2021 to Nov 2021

Planner Etisalat Access Network:

- Civil Route Update
- JRC/MH and Other Structure Placement
- Connectivity of Fiber with FDH & Splitter
- Fiber Flow analysis from OLT to end user (Plot)
- Schematics & Attributes Update
- GIS QA/QC experience with ArcGIS/Pro

Circle Engineering Consultant

Abu Dhabi, UAE

GIS ENGINEER

Feb 2020 to Jan 2021

Development of Digital Library for Hydro-geological Mapping of the United Arab Emirates (2020-2023).

- The strategic objectives of the project are as follows: -Establish a set of comprehensive GIS-Based hydro-geological maps with different scales. -Develop Guidelines for the sequence steps and procedures used in developing the UAE Hydro-geological Maps.
- Web Based Spatial Data online View Portal.
- Water meters status mapping for Al Ain & Liwa Regions.

United Track System

Lahore, Pakistan.

GIS MANAGER

Nov 2016 to Jan 2020

Vehicle Tracking System:

- Digital mapping of Pakistan Map for Vehicle Tracking.
- Prepares GIS project plans and schedules to include coordinating resources, tasks, and work assignments
- Managing the survey for the collection of landmarks & Landmarks Collection through Open Street Maps (OSM) & Google Api's.

Pakistan Railway

Lahore, Pakistan.

GIS ENGINEER

Oct 2016 to Nov 2016

As a Geomarketing Specialist:

- Finding the potential customers for the new products based on Community requirements.
- Identification of best suitable decision making for business growth based on geographical market analyses.
- Obtain detailed insights into markets, target groups (Government Key account and SOHO) and potential using regionalized market data such as 2GIS.
- Visualize large amounts of company and potential data on digital maps and analyze this data using ARCGIS applications.

SKAFS Consultant

Lahore, Pakistan.

GIS EXPERT

Feb 2016 to Sep 2016

Project: SAAF PAANI (Package 4 & 8)

- Ground Water quality maps through Public Health Engineering Department (PHED), surveyed data & Skafs team surveyed data.
- Analysis of ground water quality maps of PHED and Skafs surveyed data.
- Data collection from the satellite imageries and other sources for the analysis of best site suitability water filtration plant. Survey data evaluation w.r.t its defined variables and parameters ranges for interpolation.

PITCO

Lahore, Pakistan

GIS SPECIALIST

March 2015 to Aug 2015

Project: Planning And Distribution Program (P&D)-USAID

- Analysis and interrogation of spatial data from the GIS surveyors team, and extraction of useful information can be presented on the map and visually.
- Maintain the database with the help of Microsoft Access.
- Electric lines maps creation with the data collected from the field surveyors.
- Meet the electrical engineers for to analyses the electricity losses.
- Analyze spatial data for geographic statistics to incorporate into documents and reports.

Urban Unit

Islamabad, Pakistan.

GIS SUPERVISOR

Jan 2015 to Feb 2015

Project: Federal Government Employment Housing Foundation (FGEHF)

- Conducting surveys for the collection of data
- Analyzing the quality of spatial data collected by the GIS surveyors.
- Preparation of web base online maps
- Maintaining the Geodatabase.
- Making of Maps for illegal and legal house for Federal Government Employment Housing Foundation (FGEHF).
- Door to Door survey data collection.

National University of Sciences and Technology

Islamabad, Pakistan.

RESEARCH ASSOCIATE

June 2014 to March 2015

Project: Capacity Building & Strengthening of Biomass Gasification Technology Support Systems USAID

- Identification of crops types with the help of SPOT (satellite) images.
- Estimation of crops residue for the generation of electricity.
- Calculating the energy production with residue.
- Crops types availability maps making for the Punjab region.
- Mapping of Crops residue for Punjab area

Education

NUST (National University of Sciences and Technology)

Islamabad, Pakistan

MASTER OF SCIENCES IN GIS AND REMOTE SENSING

Sep-2012 to Jan 2016

Title of the Thesis:

- "A Web-based GIS Approach for the Suitable Site Selection of Wind Farm in District Gwadar Using Spatial Multi-Criteria Analysis (SMCA).

University of the Punjab

Lahore, Pakistan

B.S. HONS IN COMPUTATIONAL PHYSICS

Sep 2005 to July 2010

Title of the Thesis:

- "Smart Watering System for Crops."

Certificates

- 2024 **Make an Impact with Modern Geo Apps** , Environmental Systems Research Institute (ESRI)
- 2024 **Spatial Data Science:The New Frontier in Analytics**, Environmental Systems Research Institute (ESRI)
- 2024 **GIS for Climate Action** , Environmental Systems Research Institute (ESRI)
- 2024 **Cartography** , Environmental Systems Research Institute (ESRI)

[Click here to view more certifications.](#)

Honors & Awards

- 2022 **Outstanding Efforts of deliviring Geomarketing insight for**, fixed Market sizing and GIS Data *Du Telecom, Dubai*
- 2022 **Outstanding Efforts of deliviring Geomarketing insight for**, fixed Market sizing and GIS Data Visulaization *Du Telecom, Dubai*