

# SREEJAYAN VASUDEVAN

Geophysicist | Project Manager

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## PROFESSIONAL SUMMARY

Highly accomplished **Geophysicist** and **Project Manager** with over **12 years of experience** in leading large-scale infrastructure and **Underground Utility Mapping (SUE)** projects across Saudi Arabia. Proven expertise in **GPR Technology, GIS solutions** (ArcGIS, AutoCAD), and **data transformation**. Skilled in strategic planning, milestone-driven execution, team leadership, stakeholder management, and ensuring project success for high-profile clients like **NEOM, Green Riyadh Program, RCRC, and SWCC**.

## CORE COMPETENCIES

- Project Management & Delivery
- Geophysical Surveys & Utility Mapping
- Data Quality Management
- GIS & Geospatial Solutions
- Team Leadership & Mentoring
- Client Relations & Stakeholder Management
- Process Optimization & Transformation

## PROFESSIONAL EXPERIENCE

- Sr. Project Manager | Utilities Survey Company for Geophysical Services Ltd. (UTS), Riyadh, KSA** Jan 2023 – Present
- Lead and managed complex projects, overseeing a team of up to **40 professionals** (Geophysicists, Surveyors) for seamless execution and client satisfaction.
  - Spearheaded RFP response development and client management, strategically deciding on roles as a prime supplier or subcontractor.
  - Managed project data quality and integrity, liaising with suppliers for Ortho Image, **LiDAR Data**, and 3D platform consultancy.
  - **Key Project: Green Riyadh Program** – Developed project methodology and led field verification/data collection for Topographic, Vegetation, and Underground Utilities.
- Head of Utility Mapping Department | Utilities Survey Company for Geophysical Services Ltd. (UTS), Riyadh, KSA** Nov 2017 – Jan 2023
- Managed project execution/delivery, team building, and supplier relations for data conversion and Image delivery.
  - Developed standards for field statistics and data representation using **GIS maps**.
  - Implemented quality standards and procedures, ensuring adherence to the **Service Level Agreement (SLA)**.
  - **Key Project: NEOM – Landscapes of The Line (LOTL)**: Managed Lidar Survey and 3D Model creation for NEOM's design consultants.
- Geophysicist | Utilities Survey Company for Geophysical Services Ltd. (UTS), Riyadh, KSA** Jul 2013 – Nov 2017
- Coordinated and conducted geophysical surveys, including Acquisition, Processing, and interpretation of various geophysical data.
  - Executed field planning and marking of profiles on-site through **GPS**, preparing survey reports, **VLF & VES** graphs.
  - **Key Project: Riyadh Metro**: Conducted Underground Utility mapping for 6 metro lines.
- Senior Geophysicist | Water Field Technologies Pvt Ltd, India** Sep 2012 – Dec 2012
- Conducted all kind of geophysical surveys and data processing.

## **EDUCATION & TRAINING**

- **M.Sc. (Applied Geophysics)** – MS University, India
- **B.Sc. (Physics)** – Calicut University, India
- **Subsurface Utility Engineering (SUE)** Technology using GPR and Cable Tracer.
- Training on **Trimble X12/MX9** with Trimble Real Works and Business Center Software.
- Theory & Practice Training about **Stream UP Georadar** (IDSGeoRadar).

## **TECHNICAL SKILLS**

**Geophysical Tools:** GPR, VLF, VES, Radio Detectors, Reflex W, GSSI Radan, Geolitix, IDSGeoRadar

**GIS & CAD Software:** ArcGIS, AutoCAD, uMap, IQmaps

**Survey & Processing:** GPS, Total Station, Trimble Business Center, Applanix POSpac, Trimble MX

**Project Management:** MS Project, MS Office