

# NAMAN

# SARAF

Civil Engineer

## Contact

### Address

India

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## Skills

Faro Scene



Trimble Real Works



MS Office



AutoCAD



2D and 3D modeling



## Career Highlight

Civil Engineer with 5+ years of experience in the field of project management, and remedial engineering with vast exposure to 3D Laser Scanning and Data Registration, Point Cloud Analysis. Non-Destructive Testing, Structural Analysis, and Business Development. Major job responsibilities included project cost control, project scheduling, project strategy planning, execution, managing a diversified team, and reporting.

Trained and efficient in 3D Laser Scanning, Registration of Point Cloud, Point Cloud Analysis, DGPS Surveys, Total Station Surveys, NDT/PDT, remedial engineering, Visual Audits, Distress Mapping, & General Recon Surveys.

## Work History

2018-12

### Senior Executive Engineer

- Current

*ESI Services India LLP, Vadodara, India*

- Led diverse project team & responded to their queries, ensuring project deliverables meet business need
- Maintained detailed project schedule, which includes administrative tasks and all sites involved in projects
- Resourcefully handled third-party projects with proper alignment and technical coordination according to brownfield project for structural modifications
- Executed for carrying out 3D LASER Scanning survey for As Built Drawing creation of 2.55 lakhs Sqm area under L&T NXT for structural upliftment of Smelter Units of Hindalco Industries Ltd., Dahej
- Executed Ground Penetrating RADAR survey for IIT Roorkee to map underground waterpipe line network.
- Evaluated potential risks associated with new business ventures, ensuring long-term financial stability for organization while pursuing growth opportunities.
- Increased client satisfaction through proactive issue resolution and consistent follow-up on deliverables.
- Reduced overall project costs with innovative design improvements and material selections.

- Managed multiple simultaneous projects while adhering to strict deadlines, budgets, and quality requirements.
- Delivered presentations at industry conferences showcasing company achievements and sharing expert insights in field of engineering management.
- Designed detailed budget for engineering equipment and projects.
- Created detailed reports on engineering activities and findings.
- Collaborated with other departments to facilitate successful project completion.
- Trained and mentored junior engineers, providing guidance and direction.

### **Key Projects:**

#### **1. Hindalco Industries Ltd., Dahej:**

- 1.1. Conducted 3D LASER Scanning survey for structural upliftment of Smelter Units.
- 1.2. Scanned 2.55 lakh sqm area with over 7000+ scans.

#### **2. Pharmaceuticals, Chemicals, Cement Plants:**

- 2.1. Performed 3D Laser Scanning and Data Registration for various plant premises.

#### **3. Shri Golden Temple, Amritsar:**

- 3.1. Completed 3D Laser Scanning and data registration.

#### **4. Heidelberg Cement Plant, Amma Sandra:**

- 4.1. Prepared As-Built drawings with 3D Laser Scanning Modeling.

#### **5. Pattarghati, Hyderabad:**

- 5.1. Executed comprehensive 3D Laser Scanning.

#### **6. Collapsed Bridge Segment at Bihar:**

- 6.1. Conducted 3D Laser Scanning for Reverse Engineering under IIT-Roorkee.

#### **7. Heidelberg Cement, Andhra Pradesh:**

- 7.1. Scanned the Cement Mill area.

#### **8. Adani Power Plant, Raigarh:**

- 8.1. Performed 3D Laser Scanning of Collapsed Coal Silo.

#### **9. Commercial Complexes:**

9.1. Completed over 30 Laser Scanning jobs across Pan India.

#### 10. **Ground Penetrating RADAR Survey:**

10.1. Executed survey for IIT Roorkee to map underground water pipeline network.

#### 2017-07 - **Junior Engineer**

2018-12 *Navratan Buildtect*

- Responsible for carrying out planning, estimation and supervising construction projects of residential and commercial buildings
- Monitored construction projects on-site, make DPR and Gantt chart to check the progress & make the decision to complete the project in the given deadline.

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### Education

#### 2013-01 - **Bachelor of Engineering: Civil Engineer**

2017-04 *Medicaps Institute of Science & Technology - Indore*

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### Core Area of Expertise

- Advance NDT
- LiDAR Technologies
- Digitization & Realty Capture
- Structural Health Monitoring

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### Industrial Exposure

KCS Construction Indore, G+2 Residential Building Design & Estimation, Planning & estimation of the building, Designing of the Structural Elements in 2017.