Deepti Walmiki

Senior Data Operator

Experienced GIS analyst with two years' experience in areas including rural development, geology and energy. Created and delivered GIS and mapping products that met the expectations of the client and the organisation. And managing teams to produce quality products.

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💼 WORK EXPERIENCE

Senior Data Operator
Fugro

03/2022 - Present

Roles & Responsibilities

- Developed large datasets and maintained multiple file formats, including GIS and tabular data
- Coordinated and executed tasks with construction and engineering personnel.
- Created and implemented automation processes for geospatial data and Established and maintained professional GIS enterprise systems for rural areas in collaboration with the municipality corporation.
- Analysed and recommended best practice solutions for current business processes and provided reports and compiled analysis on multiple layers of underlying GIS data. Maintained a digital library of over 500 + maps

🖥 EDUCATION

BSC
Mumbai University

04/2018 - 04/2021   /

HSC
Ramniranjan Jhunjhunwala College of Science & Commerce

06/2016 - 04/2018

🈂 LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Marathi
Full Professional Proficiency

🎲 INTERESTS

Music | Sports | Strategic Games

🧠 SKILLS

Data Representation | Data Review | Data Audit

Network Modeller | Spatial Data Management

Data Review | Data Audit

GIS Project Management | Communication

Data Optimization | Reporting | Data Analysis

Skill

📐 PROJECTS

Roadmap (06/2023 - Present)

- Assessed and documented the quality of road surfaces, including texture, smoothness, and durability, to ensure compliance with industry standards.
- Conducted field inspections and surveys to evaluate existing road conditions and identify areas for improvement.
- Analyzed data on traffic patterns and load-bearing capacities to inform recommendations for road upgrades and maintenance.
- Prepared detailed reports summarizing findings on road quality, highlighting critical issues and proposed solutions for enhancement.

Arc Gis (03/2023 - 06/2023)

- Conducted GIS analysis to support project decision-making, generating insights through spatial visualization and modeling.
- Created and updated maps and geospatial datasets, facilitating effective communication of project outcomes to stakeholders.
- Collaborated with cross-functional teams to meet project milestones, providing technical support and training on GIS tools and software.
- Implemented data quality assurance procedures to enhance data reliability and improve overall project efficiency.

Network Modelling (03/2022 - 03/2023)

- **Data Collection and Preparation:** Gathered and preprocessed data on existing infrastructure, including road networks, traffic volumes, and connectivity patterns to create an accurate model.
- **Model Development:** Designed and implemented network models using GIS and specialized software to simulate traffic flow and assess the impact of proposed changes.
- **Optimization Techniques:** Applied optimization algorithms to recommend improvements in network design and resource allocation, ensuring effective use of materials and labor.