

SMIT JOSHI

+91 94278 26685 · smitnjoshi86@gmail.com · Website link
Ahmedabad, India

DATA ANALYST

Engineered a full-stack document management system using Python, JavaScript, and SQL to digitize critical water infrastructure records, streamlining access and retrieval. This foundation led to the development of a real-time monitoring framework, enabling precise tracking of a 7,200 km pipeline network through a custom geo-tagging application—bringing unprecedented visibility into multi-vendor operations. Expanding beyond water infrastructure, I delved into electric vehicle public transportation, designing financial models that quantified market viability. With each project, I've honed the ability to transform complex infrastructure challenges into structured data frameworks, driving operational efficiency and strategic decision-making.

STRENGTHS AND EXPERTISE

AI-Assisted Development	Project monitoring and governance	Research Analysis
AI-Optimized System Design	Financial Modeling	Macro development
Data Analysis & Visualizations	Geo-spatial System Integration	Business process mapping

PROFESSIONAL EXPERIENCE

Adani Water Limited
Assistant Manager

June 2024 - Present

Started with water infrastructure, document management, and project tracking—building systems for efficiency and visibility. Expanded into EV transportation research, analyzing financial models to assess market viability. Across projects, the focus remains on turning complex challenges into data-driven solutions.

Accomplishments:

- Developed custom document management system using Python, JavaScript, HTML, and SQL, improving information workflow and accessibility through the help of the AI.
- Architected and oversaw implementation of geo-fencing and geo-tagging solution for tracking 7,200 km pipeline installation, collaborating with third-party vendors to deliver real-time progress monitoring capabilities
- Created financial models for EV public transportation initiatives, extending expertise beyond water sector while demonstrating versatility in business analysis.
- Started with automating data collection, eliminating silos for seamless cross-departmental integration. Expanded into optimizing resource allocation, ensuring efficiency across infrastructure projects. Throughout, the focus remained on transforming data into actionable insights for smarter decision-making

Adani Road Transport Limited
Data Analyst Intern - Capstone Project

December 2023 - May 2024

Started with recruitment optimization, streamlining hiring processes for efficiency and precision. Expanded into skills mapping, ensuring talent alignment with organizational needs. Across HR functions, the focus remained on building data-driven strategies for workforce growth and development.

Accomplishments:

- Developed VBA automation system for recruitment communications, creating customized email templates triggered by candidate status changes in the hiring pipeline.
- Built a Python-driven CV-matching algorithm, turning manual screening into a data-backed process. Moved beyond keyword matching to quantify candidate-job alignment, making recruitment faster and more precise. At its core, the focus was on automation that not only saved time but also improved hiring decisions.
- Engineered multi-level competency architecture mapping executive positions to cascading skill hierarchies, visualizing skill dependencies across organizational levels and enabling targeted development planning.

Adani IRM
Data Analyst - On the Job Training

June 2023 - November 2023

Focused on data analytics and predictive modeling to optimize coal supply chain management.

Accomplishments:

- Designed and implemented Power BI dashboards to visualize customer coal purchasing patterns, providing management with actionable insights on consumption trends and behaviors.
- Built a forecasting model to predict customer demand—anticipating volume and timing for smarter inventory management. Mined historical purchasing data, uncovering seasonal trends and customer behaviors to refine strategic planning. The goal remained clear: transforming raw data into foresight that drives efficiency and decision-making.

Adani Ports & SEZ
Data Analyst - Intern (Summer Internship)

March 2023 - June 2023

Focused on security operations analytics and strategic investment research for port acquisitions.

Accomplishments:

- Developed comprehensive security operations dashboards tracking incident management metrics, enabling data-driven response protocols and risk mitigation strategies.
- Created manpower management visualization tools to optimize security personnel deployment across port facilities, improving coverage efficiency and response times.
- Conducted data-driven acquisition research analyzing potential port investments using SWOT and PESTEL frameworks, providing strategic recommendations on investment viability across multiple international location.

EDUCATION

Adani Institute of Digital Technology Management
Post-Graduate Diploma in Big Data Analytics

GLS (J.P. SHAH) College of Commerce
Bachelor of Business Administration - Specialized in Finance

INTERESTS

- Cyber-Psychology
- Neural Logic
- Geo-Politics