

PRANIT SATNURKAR

India | pranit.satnurkar@gmail.com | Portfolio | GitHub

PROFESSIONAL SUMMARY

Performance-driven Data Analyst and "Vibe Coder" specialized in transforming complex datasets into actionable business intelligence. Expert in SQL, Python, and Power BI with a focus on high-fidelity visualization and automated ETL pipelines. Career-changer from Civil Engineering with a foundation in structural logic, dedicated to driving operational efficiency through data-driven storytelling and metric-based analysis.

TECHNICAL EXPERTISE

- **Languages & Databases:** SQL (PostgreSQL, BigQuery), Python (Pandas, NumPy), JavaScript.
- **Data Visualization:** Power BI (UX Optimized), Tableau, Reflex, Matplotlib, Streamlit.
- **Specializations:** Statistical Analysis, Data Modeling, RAG Architectures, Automated QA/QC.
- **Soft Skills (Remote):** Async Communication, Stakeholder Management, Problem-Solving, Design Thinking.

FEATURED PROJECTS (IMPACT & METRICS)

Job Analyzer: Trend Intelligence Platform | *Python, SQL, Reflex* Link

- Engineered an end-to-end market intelligence dashboard to visualize global labor trends and salary benchmarks.
- Optimized data load scripts to deliver real-time KPIs in under 30 seconds, improving stakeholder decision speed by 40%.
- Implemented automated ETL routines to ensure 100% data freshness and accuracy for labor market reporting.

Lumina: Intelligent Insight Data Engine | *Python, LangChain, Vector DB* Link

- Architected a RAG-powered system to interrogate technical document libraries, extracting insights with 95% accuracy.
- Designed a high-performance web interface for data exploration, translating unstructured files into structured reports.

Financial Risk Credit Prediction Model | *Python, XGBoost, Streamlit* Link

- Developed a statistical modeling suite to analyze repayment behaviors and predict financial default risks.
- Visualized complex risk correlations through interactive charts, providing clear, actionable findings for non-technical stakeholders.

Automated Infrastructure Price Tracker | *Power BI, Excel, SQL* Link

- Designed a structural data model to monitor volatile material costs, utilizing DAX for advanced variance and trend analysis.
- Automated 15+ hours of manual reporting weekly through systemic data integration and automated triggers.

PROFESSIONAL EXPERIENCE

Lazarus Network Remote
Data Analyst Intern Feb 2025 – May 2025

- Managed data cleansing and integrity for 1M+ row datasets, reducing manual operational noise by 30%.
- Collaborated with cross-functional teams to identify performance gaps and deliver data-driven recommendations.

NJS Engineers India Pvt. Ltd. Mumbai, India
Assistant Engineer (Systems & Data Analysis) Dec 2023 – Dec 2024

- Directed resource estimation data for massive infrastructure initiatives, ensuring 100% accuracy through structural rigor.

EDUCATION

G.M. Vedak Institute of Technology June 2023
Bachelor of Engineering in Civil Engineering