

Nikhil Shrivastav

Data Analyst

India | +91 9067557516 | nshrivastav0905@gmail.com | www.linkedin.com/in/nshrivastav1512/ | github.com/nshrivastav1512

Summary

A results-driven **data analyst** with over **2 years** of experience combining **software engineering** and **analytics**. I use **Python** and **SQL** to construct end-to-end data solutions. My expertise spans from automated data scraping using Selenium and reliable **ETL pipelines** to advanced **AI integration** through **prompt engineering**, creating impactful **Power BI dashboards**. Through my efforts, I have directly improved report performance by 10%, upheld **data integrity**, identified **100+ at-risk learners** 8 weeks early, increased job application response rates by **30%**, and increased **customer satisfaction** by **150+**.

Skills

| | |
|--------------------------------------|---|
| BI & Data Visualization: | Power BI (DAX, Power Query, Power Pivot), Tableau, Excel (Advanced), SSRS, SSIS |
| Data Analysis & Modeling: | Statistical Analysis, Modeling, Storytelling, KPI's, A/B Testing, Exploratory Data Analysis (EDA) |
| Programming & Databases: | SQL (PL/SQL, T-SQL), Python (Pandas, NumPy, Seaborn, BeautifulSoup), Java, SQL Server, MySQL |
| Data Engineering: | Web Scraping (Selenium), ETL Processes, Data Design, Generative AI, Prompt Engineering, Data Cleaning |
| Tools & Technologies: | Version Control (Git, GitHub), VS Code, Jupyter, Project Management (Agile/Scrum, Jira) |
| Professional Skills: | Problem-Solving, Critical Thinking, Requirement Analysis, Mentoring, Root Cause Analysis |

Experience

Data Analyst

Nagpur | October 2024 - June 2025

Brillect Tech Solutions Pvt. Ltd

- Engineered an end-to-end **Job application pipeline** that scrapes 40+ jobs/min from multiple platforms using **Selenium** into a **SQL Server** database. This system uses a fine-tuned Gemini model to tailor resumes, resulting in a **30% increase** in response rates, boosting resume-to-job match scores by over 40%, and a **50% reduction in application time**.
- Developed Student Success Intelligence Platform in **Power BI**, powered by an automated **SQL Server, ETL pipeline** (processing **100k+ records**) with advance **DAX**. The solution provided coordinators with actionable insights, **saving coordinators 50+ hours/month**, identifying 100+ at-risk students 8 weeks early, and boosting success rates by 25%.

Software Engineer

Pune | July 2023 - August 2024

Yardi Software Pvt Ltd

- Developed and **optimized 100+ custom reports** (SSRS, YSR, Power BI) for clients, resolved **10+ critical bugs** in the Voyager project, and provided data fixes for over **7 million records**, ensuring **100% data integrity** and improving system stability.
- Handled support for **150+ clients** and processed **500+ requests**, collaborating with onshore/offshore teams to resolve issues, resulting in a **10% improvement in delivery** and client satisfaction.
- Engineered complex **SQL queries**, stored procedures, triggers, and user-defined functions, improving query performance by 5% and performed **data preprocessing**. Mentored team members and gained expertise in **Power BI & Excel**.

Software Engineer Intern

Pune | January 2023 - July 2023

Yardi Software Pvt Ltd

- Created optimal technical solutions to meet user needs by performing in-depth system analysis and improving existing SQL queries to **enhance performance** and streamline data retrieval.
- Analyzed business reports to support prompt communication and provide ongoing technical support, while also developing reusable components to improve coding efficiency and documentation standards.
- Resolved complex business issues, proposing long-term solutions to prevent recurring problems and ensure smoother business operations.

Software Developer

Nagpur | June 2022 - January 2023

TN Byte Pvt Ltd

- Automated user engagement reporting** by designing SQL queries to consolidate data from attendance, task completion, and performance tables into a unified dashboard.
- Optimized database performance** by redesigning schemas, normalizing structures, and adding relationships to support faster and more efficient data retrieval. Also tested and refined pre-built reports.

Education

G H Raisoni Institute of Engineering & Technology B.Tech, Computer Science and Engineering - 9.4 CGPA

Nagpur | June 2020 - May 2023

Anjuman Polytechnic Diploma, Computer Science - 9.4 CGPA

Nagpur | June 2017 - May 2020