

Vishal Srivastav

[LinkedIn](#) • [Github](#)

PROFESSIONAL SUMMARY

Data-focused professional with 1+ years of experience in Python, SQL, machine learning evaluation, and analytics automation. Skilled in ETL workflows, dashboarding (Power BI, Tableau), and large-dataset analysis to deliver actionable business insights. Experienced in evaluating ML models, improving data quality, and supporting data-driven decision-making.

EDUCATION

Other (Computer Applications)	2018 - 2021
National Post Graduate College Lucknow	Grade: 7.1/10.0
Intermediate (Class XII)	2017 - 2018
Rani Laxmi Bai Memorial School	Grade: 72.0%
Matriculation (Class X)	2015 - 2016
Rani Laxmi Bai Memorial School	Grade: 9.4/10.0

EXPERIENCE

Associate Engineer May 2026 - Present
Aligned Automation Service Private Limited *Pune*

- Built an end-to-end AI-driven system that converts natural language prompts into fully functional full-stack applications using **Claude (Anthropic)** and **Model Context Protocol (MCP)**.
- The system intelligently refines user requirements, generates backend (FastAPI) and frontend (React) code, validates and auto-heals issues, and optionally deploys the application. It also integrates with Jira to automatically create Epics, Stories, and tasks based on project specifications.
- Designed a multi-step conversational workflow that enables users to generate, validate, review, and deploy code seamlessly through a chat interface.
- Applied Celonis process mining and PQL to uncover process inefficiencies, reduce cycle times, and improve operational performance.

Software Developer October 2022 - October 2025
Boggl.ai *Remote*

- Leveraged Python, SQL, and Excel for data analysis and automation, boosting feature adoption by 15% through data-driven design.
- Built a lifecycle tracking system with SQL and Excel, cutting release cycle time by 20% through real-time KPI insights.
- Aligned data analysis with strategic goals to boost team efficiency and ensure timely, high-quality product rollouts.
- **Skills:** Python, SQL, Pandas, Excel, Power BI, AWS, Git.

INTERNSHIPS

Date Engineer (INTERN) February 2026 - April 2026
ALIGNED AUTOMATION SERVICE PRIVATE LIMITED *PUNE*

- Developed and optimized **SQL** queries and **Python** scripts for ETL/ELT workflows, data transformation, validation, and automation across enterprise datasets.
- Built **Celonis** Process Mining dashboards, KPIs, and **PQL** analyses to identify process bottlenecks, monitor performance, and generate actionable business insights.
- Worked with **Snowflake** and **Databricks** to process and manage large datasets, collaborating in an Agile environment using **Git** for version control and documentation.

PROJECTS

Ai Chat Bot February 2026

- Built an **end-to-end GenAI chatbot** using **RAG** for accurate, context-aware responses.
- Integrated **LangChain** + **FAISS** for efficient semantic search and retrieval.
- Deployed **LLaMA 3.2 (1B) locally** to ensure privacy and low system requirements.
- Developed backend with **Flask** and interactive UI using **Streamlit**.
- Showcased strong skills in **LLM integration and production-ready GenAI system**

Electric Vehicle Sales Analysis ([Github](#)) ([Demo](#)) February 2025

- Conducted a comprehensive analysis of electric vehicle sales, examining data across different countries and models, to provide insights on market trends and growth opportunities.
- Performed data cleaning and analysis on the electrical vehicle database.
- Extracted valuable insights on battery electrical vehicle, hybrid electrical vehicles, countries, average electric range etc, through multiple queries.
- **Skill:** Data Analysis, SQL, Excel, Power Query, Power Pivot,

Reaturant Revenue Prediction ([Github](#)) ([Demo](#)) April 2021

- Conducted exploratory data analysis to identify revenue-driving factors, customer behavior trends, and market influences.
- Implemented NLP-based sentiment analysis to extract insights from customer feedback, aiding in strategic decision-making. Designed an A/B testing framework to optimize marketing efforts.
- Maintained detailed experiment documentation, ensuring reproducibility and consistency in analysis.
- **Skills:** Python - Pandas, NumPy, Matplotlib, Seaborn, NLP, A/B Testing, Git.

CERTIFICATIONS

Deloitte Australia Data Analytics Job Simulation Forage ([Link](#)) April 2025

- Completed Deloitte job simulation in data analysis and forensic tech, using Excel and Tableau to derive insights and build dashboards.

Certificate in Data Science and Machine Learning CODEGRIP ([Link](#)) April 2021

- Completed a data science certification covering ML, stats, and visualization using Python and key libraries like Pandas, Sklearn, and Seaborn.

SKILLS

Computer Language: CSS, Python, SQL

Soft Skill: Communication Skills, Creativity, Critical Thinking, Decision-making, Verbal/nonverbal communication

Databases & Data Tools: MySQL, Power BI, Spreadsheet

AI / ML: GenAI, Generative AI, LangChain, LangGraph, LLM, Machine Learning, OpenAI API

APIs & Testing: API, API testing, Swagger

Cloud & DevOps: AWS

Domain & Business Skills: Figma, Jira

Frameworks & Libraries: Chart.js, Matplotlib, Microsoft Office, NumPy, Pandas, React