

NISHANT KUMAR SINGH

DATA ANALYST

DOB: 22nd June, 2003

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EXPERIENCE

TECHFERMENT — SDE INTERN

AUGUST 2025 – OCTOBER 2025

- Implemented a text transformation tool function to change tone and length of selected text using AI, enabling consistent content generation and faster internal editing workflows.
- Built a read-time calculation function for codelabs that strips code blocks and estimates page read time based on prose only — improved accuracy of time estimates shown to users.
- Performed frontend work including upgrading the site from Nuxt3 to Nuxt4 and shipping several UI improvements to increase clarity and usability.
- Collaborated directly with cross-functional team members (designers, product) to integrate tools into internal workflows and ensure reliable unit-level behavior.

SELECTED PROJECTS

Quick Commerce Analytics & Funnel Optimization – SQL

- Analyzed multi-table quick commerce dataset (orders, customers, riders, stores, SKUs).
- Wrote complex SQL using JOINS, CTEs, CASE, and window functions.
- Measured order funnel (Placed → Delivered → Returned) and conversion rates.
- Identified revenue leakage, return patterns, and delivery performance gaps.

Customer Churn Analysis – Python

- Performed EDA on telecom churn dataset using Pandas and NumPy.
- Built visualizations with Matplotlib and Seaborn.
- Identified churn drivers: tenure, contract type, and monthly charges.
- Segmented at-risk customers to support retention strategy.

Sales Performance & Revenue Analysis – Python

- Analyzed 12-month retail dataset using Pandas and NumPy.
 - Calculated KPIs such as MoM growth and product-level performance.
 - Built aggregations and visual insights to highlight revenue trends.
 - Delivered data-backed recommendations for sales optimization.
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TECHNICAL EXPERTISE

- Data Analysis:** Python (Pandas, NumPy), Excel (Pivot Tables, XLOOKUP)
 - Visualization:** Matplotlib, Seaborn, Excel Dashboards
 - Databases:** PostgreSQL, SQLite
 - Programming:** Python, SQL, JavaScript
 - Tools:** Git, Postman, Docker, Markdown
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OPEN SOURCE & COMMUNITY

- Writing educational articles and tutorials on stepwik.com.
 - Contributing to open-source ecosystems (Vue/Nuxt, React/Next.js).
 - Actively participating in developer communities and forums.
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EDUCATION & SELF-LEARNING

- Degree: **Bachelor's in Computer Application** | University: **SRM, Chennai** | CGPA: **7.80**
- Focused on data analytics, SQL, and Python through project-based learning and real-world datasets.