

Kavita Rana

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Work Experience

Founder and Editor | Jung Indien

Jun 2026 – present

- Founded a literary magazine of culture from young India that commissions and pays outside writers, and run commissioning, editing and publishing.
- Designed and built its website in Astro, TypeScript and Tailwind CSS, with translations, monthly editions and email sign-up on Resend; 4,224 visitors in the first 30 days.

Technical Writer | NannyML, acquired by Soda

May 2024 – Aug 2026

- Wrote bylined tutorials and implementation guides on data contracts, Airflow, Databricks, drift detection and performance estimation, so data engineers and data scientists could run Soda and NannyML in their pipelines.
- Wrote metric pages and figures for The Little Book of ML Metrics, NannyML's open-source reference, giving practitioners worked explanations of MSLE, RMSE, sMAPE, wMAPE, PCK and OKS.
- Ghostwrote LinkedIn for NannyML's three founders and then Soda's CEO and CTO, from weekly interviews; grew their accounts by 30,000+ followers, and one post reached 2.4M impressions.
- Built a LinkedIn content pipeline that closed a \$200K deal, and ran webinars for data engineers end to end, from topics to demos and reporting, for a \$511K sales pipeline.

Data Analyst | Labellerr

Oct 2023 – Mar 2024

- Fine-tuned YOLO-NAS on a grocery dataset to build the retail product detection model behind the platform's self-checkout guide, so readers had a working model to follow.
- Ghostwrote computer vision and annotation-tool guides published under the company byline, on Label Studio, CVAT and motion heatmaps, to bring ML teams to the labelling platform.

Junior Machine Learning Engineer | Omdena, Berlin Chapter

Aug 2023 – Oct 2023

- Collected and cleaned geospatial data on waste-management sites across Germany with QGIS and the OpenStreetMap API, giving the team its dataset for route optimisation; second-highest committer.
- Built folium maps and Streamlit app pages on Streamlit Cloud so partners could explore the routes.

Data Specialist | The Apprentice Project

Sep 2022 – Feb 2023

- Built YouTube Analytics dashboards that helped the NGO raise viewer retention and engagement by 25%.
- Built Power BI dashboards and data-cleaning pipelines in Python and Google Sheets for the team's analyses.

Writing

Personal blog | kavirana.hashnode.dev

2023 – 2024

- Explained ML fundamentals for students: regularisation, ensembles, loss functions, recommenders, NumPy.

Skills

Programming languages: Python, Java, JavaScript, TypeScript, R, C/C++, HTML/CSS

Python libraries: NumPy, Pandas, scikit-learn, TensorFlow, Matplotlib, Seaborn, NLTK, spaCy, BeautifulSoup, Streamlit, NannyML

Geospatial: QGIS, OpenStreetMap, Overpass API, GeoJSON, shapefiles, folium

Data and BI tools: Power BI, Tableau, Google Analytics, YouTube Analytics, Hadoop

Web development: React, Astro, Vite, Tailwind CSS, Chrome extensions, Solidity, Web3.js

Tools: Git, GitHub, Jupyter, LaTeX, Claude API, Notion API, Canva

Education

Bachelor of Technology in Computer Science | University of Petroleum and Energy Studies

May 2025

Specialisation in Business Analytics and Optimisation, CGPA 8.03/10

Coursework: Machine Learning, Deep Learning, Data Mining and Prediction Modeling, Applied Statistical Analysis, Big Data Analytics, Data Visualization for Analytics