Varun Moka

Product development | ESG and carbon data | AI workflow engineering

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Builds applied AI systems that turn corporate disclosures into structured climate data with page-level evidence. Combines product development, retrieval evaluation and supplier-data quality assurance with nearly six years in logistics operations.

EXPERIENCE

Founder, GoCarbonTracker, Berlin Mar 2025 to present

- Built GoCarbonTracker for Scope 3 and procurement teams to extract supplier emissions, targets and claims from annual and sustainability reports, with page-level evidence.
- GoCarbonTracker reads annual and sustainability reports and turns them into structured climate data (emissions, targets, claims), each shown next to the page it came from, so a company's climate claims can be checked. Sustainability and procurement teams and auditors use it to find the evidence behind a number.
- Developed a Python extraction pipeline, Supabase (Postgres, SQL) data model, RAG retrieval with dedicated test sets, and React application using Claude Code. Preserved each figure's year, scope, unit and reporting boundary.
- Claims are linked to the companies, targets and figures they relate to, so statements can be compared across filings. For one automaker, every flagged contradiction was checked against the reports and none was real.
- Released a Tata Motors knowledge base (hypergraph.gocarbontracker.net/automotive) and a UNICEF supplier prototype (unicef-supply.vercel.app) covering about 30 suppliers' spend and climate claims.

Scope 3 Executive (Customer Success), DitchCarbon Oct 2025 to Jun 2026

UK company, remote from Berlin

- Validated supplier GHG emissions data before delivery to 16 enterprise clients, including Fortune 500 and FTSE 100 companies, on projects covering up to 20,000 suppliers.
- Developed data-entry rules covering all 15 GHG Protocol Scope 3 categories and 25 quality procedures, using parallel Claude Code agents to draft them. Reviewers subsequently resolved over 80% of sampled errors without escalation.
- Drove supplier-data workflow improvements with engineering, reducing repeat-client matching effort by about 90% and evaluating LLM-based industry classification.

ADDITIONAL EXPERIENCE

Category	Organisation / period	Work
Product and logistics	Delhivery | Jul 2015 to Mar 2021	Product rollouts, partner delivery networks and nationwide C2C shipping. Led West India operations across five states and cut last-mile delivery costs by 40%.
Quantitative research	WorldQuant | Jul 2014 to Jul 2017	Remote, part-time research consultant developing US-market trading strategies with WebSim.
ESG research project	Sennder | Oct 2022 to Feb 2023	MSc team project analysing 50 companies' emissions and climate targets to identify prospective customers for lower-carbon freight.
AI consulting projects	RoaDo; Posters Inc	Last-mile carbon-emissions calculator; AI tools to automate business workflows for Amazon listings, sales analysis and reporting.
Market research	NITK consultancy	Conducted market research during undergraduate studies.
Part-time operations	Flink; Picnic; Wen Cheng | Berlin	Grocery fulfilment, warehouse operations and restaurant support.

SKILLS

Product and clients: Requirements, product rollout, customer support, partner management, cross-functional coordination.

ESG and data: Scope 3, GHG Protocol, SBTi, emissions-data validation, quality assurance, Excel and XLOOKUP.

AI workflows: Python, SQL, RAG, document extraction, retrieval evaluation and multi-agent orchestration.

EDUCATION

MSc Supply Chain Management: SRH Berlin University of Applied Sciences | Grade 1.7 2023

Thesis: Tracked targets across 25 apparel companies and examined emissions against return on equity using regression.

B.Tech Chemical Engineering: National Institute of Technology Karnataka (NITK) 2015

Languages: Telugu: native | English: C2 | Hindi: fluent | Kannada: conversational | German: A1