

VIDHYA SUDANI VAGHASIYA

Senior Product Manager · B2B SaaS and applied AI · Technical enough to build it

vid.vidhya2312@gmail.com · +91 99099 71067 · vidhyasv.com · linkedin.com/in/vidhya-v-364185181 · github.com/Vid-0723
Surat, India · Available immediately · Four years remote into CET · Remote worldwide (direct or EOR) or relocation with sponsorship

PROFILE

Product lead for two B2B SaaS products, and the engineer who built the AI inside one of them. Eight years across full-stack engineering and product, the last four remote from India for a Swedish company, running Rukkor and Geometra with a single distributed team of 20+. Inherited Geometra broken and shipped a full rebuild in twelve months, then defined Cortex AI, the SAM 2 model layer that auto-annotates architectural drawings and writes XFDF straight into the quotation flow. Four products shipped solo alongside the role. Master's in machine learning and still hands-on in Python and React, so when a flow or a model is producing rubbish I find out why rather than passing it to engineering.

EXPERIENCE

Rukkor · Technical Product Manager, Rukkor and Geometra

June 2022 – August 2026

Remote (Sweden). Construction collaboration and quantity takeoff SaaS.

- Owned two B2B SaaS products in construction technology across a distributed team of 20+ spanning engineering, QA, design and DevOps, and made the weekly call on how one team split between two roadmaps. Hired into that team myself.
- Owned document-heavy B2B workflow end to end: multi-party review, markup over drawings and PDFs, version chains and approval gates, for customers on opposite sides of a contract whose interests do not align. The design problem was whose version counts as the truth when two parties have both marked up the same drawing.
- Inherited Geometra as an ageing product with a backlog of defects and breakage that had outgrown incremental fixing. Triaged it myself, scoped it into versioned releases, sequenced the work, and shipped a full rebuild in twelve months with new capability alongside rather than a like-for-like port. I argued against the port because the legacy data model was the thing generating the defects.
- Defined Cortex AI, the model layer automating Geometra's takeoff: the model approach, the fine-tuning strategy, and the dataset creation plan the training rested on, then handed to engineering. Fine-tuned SAM 2 to auto-annotate architectural drawings and emit XFDF directly into the quotation system. In production with customers.
- Set the acceptance bar for Cortex before build. Annotation precision becomes the price on a customer's quote, so we gated on per-class precision against surveyor-verified drawings rather than aggregate accuracy: a model that averages well while failing on one wall type is worse than useless, because nobody catches it until the quote is out.
- Ran requirement sessions directly with construction firms and turned operational mess into specifications a team could build from. Primary line between customers, stakeholders and engineering.
- Owned roadmaps, sprint plans, release schedules, budget and resource allocation in Agile and Scrum, catching scope creep and cost overrun as it happened rather than at quarterly review.
- Set quality gates with QA and design ahead of launch, and debugged the system directly when the output rather than the spec was the problem.

Tekyz Inc. (Freelance) · Full-stack Developer

January 2022 – June 2022

Remote for US clients.

- Shipped production features in MERN, Django and Flask, scoping technical requirements and defining acceptance criteria with systems analysts and engineering leads.
- Architected REST APIs and microservice endpoints, refactored legacy codebases, restructured data models, and built data processing pipelines with NumPy, SciPy and Pandas.

BISAG, Gandhinagar · Software Developer (Full Stack)

November 2018 – January 2022

Government geospatial and research programmes.

- Built and deployed full-stack applications in Python, Django and Flask, entering a geospatial domain with no prior background.
- Developed REST APIs in Flask, built React front ends, and managed MySQL, PostgreSQL and MongoDB, optimising queries and indexing strategies.
- Prototyped and delivered a solution that validated a new research concept, built without waiting for a formal spec.

PRODUCTS BUILT AND SHIPPED SOLO

Four products scoped, built, priced and launched on my own, outside any employer and alongside a full-time role.

Scanlyz · White-label website audit SaaS

scanlyz.com

- Turns any URL into a branded agency report across SEO, performance, accessibility, security and code. Owned end to end: rules engine, scan pipeline, pricing and positioning, and the launch across Product Hunt and directories.

- The GEO audit runs on Qwen models with prompt engineering, enforced output schemas, and a three-way verdict of verified present, verified absent or unknown, so the system reports uncertainty rather than guessing.

CoachTrusted · Two-sided marketplace for coaches and mentors

coachtrusted.com

- Full marketplace: coach onboarding, subscription tiers, review and trust verification, AI-assisted matching. The build is done; the go-to-market is not. I could build the demand side alone but could not seed supply without a sales motion I had no time to run alongside a full-time role.

ShaadiMubarak · Hyperlocal venue and vendor marketplace, Gujarat

- Ten vendor categories, date-based availability search, wishlists, and an enquiry flow that connects customers to owners directly.
- Chose subscription over commission. Commission pushes you toward high-value transactions and toward keeping yourself between the two sides; subscription only wins by having the fullest, most accurate directory and getting enquiries to owners fast.

WebCalc · Website cost estimator

- Turns a few answers about business type and required features into a costed, GST-compliant scope and a downloadable PDF, built for Indian businesses buying their first website with no basis for judging whether a quote is reasonable.

CLIENT AND EARLIER WORK

Araya, hospital management software for US hospitals, built emergency-path first because a printed label has no undo (araya.app) · Throughline, positioning and booking site for an independent consultant (parthvaghasiya.com) · NoKnot, business practice management platform · Zinatt client portal · Real-time Indian Sign Language to speech translator (2019–2020) · Custom PDF summarisation model comparing tokenisation strategies (2019).

SKILLS

Product Multi-product ownership · Roadmap and release management · Requirements discovery with enterprise customers · Pricing and positioning · Distributed team leadership

AI Fine-tuning strategy · Dataset design · Computer vision (SAM 2) · LLM pipelines with schema enforcement · Model evaluation and failure-mode analysis

Engineering Python · TypeScript/React · Django/Flask · PostgreSQL · GCP

EDUCATION AND CERTIFICATION

M.E. Machine Learning, Data Science and Statistical Pattern Recognition — GTU Graduate School of Engineering and Technology, Ahmedabad, 2018–2020 (studied part-time while working at BISAG)

B.E. Electronics and Communication — Government Engineering College, Modasa, 2014–2018

Google Cloud Platform Fundamentals: Core Infrastructure — Google Cloud

LANGUAGES

English, full professional proficiency · Hindi, fluent · Gujarati, native