

Vikas Kumawat

AI Engineering & Delivery Lead — building the systems that run software delivery

EMAIL officialvikaskumawat@gmail.com PHONE +91 77339 26867 GITHUB developervkindia BASED Jaipur, India

104	40	30+	7	15
CLIENT PROJECTS DELIVERED	ENGINEERS IN THE DELIVERY ORG	ACTIVE CLIENTS IN PORTFOLIO	DELIVERY MANAGERS ON HANDOVER	YEARS TEACHING & BUILDING

PROFILE

Engineering leader with fifteen years across computer science teaching and software delivery. Owned a portfolio of 104 client projects for 30+ clients as Project Delivery Lead, backed by a 40-person organisation — then structured that portfolio into a seven-manager team, handed it over, and moved to build the AI platforms that do the delivery work itself. Architects multi-agent systems with human-in-the-loop gating, and still ships production Laravel and Next.js personally.

AI ENGINEERING

Multi-agent orchestration · Agent loop patterns · Human-in-the-loop gating · Spec-driven development · Context engineering · Prompt design · RAG & embeddings · Claude · Nemotron

DELIVERY LEADERSHIP

Portfolio ownership · Estimation · Capacity sequencing · Architecture review · Code review · Client & scope negotiation · Escalation recovery · Team structuring & handover

BACKEND

Laravel · PHP · Node.js · MySQL · Prisma · REST APIs · Queues & workers · Multi-tenant architecture

FRONTEND, MOBILE & PRACTICE

React 19 · Next.js 15/16 · TypeScript · Inertia · Tailwind · Flutter · Git · Jira · Playwright · SonarQube · UNIX shell

EDUCATION

GATE Qualified 2011 — first attempt
M-Tech, Computer Science — GEC Ajmer, RTU (2011–13, 62%)
B-Tech, Computer Science — A.I.E.T Jaipur, RTU (2007–11, 72%)

TRAINING

Web Development, iSkylar Technologies (2018)
Core Java (2009)

DELIVERED TO

Singapore · South Africa · Canada · India

LANGUAGES

English — professional
Hindi — native

INDEPENDENT PROJECTS

- PocketOps — operate an Ubuntu desktop from a phone: an agent on the machine, an encrypted relay, a mobile client. Devices pair by QR, can be view-only, and high-risk actions require verified approval. Flutter · RFB/VNC
- Flow — a ground-up rebuild of the work-management pattern: list, board, timeline, calendar and dashboard views over one task model. React
- ChalChitraAI — text to finished video in three steps, testing how far a generation pipeline simplifies before the controls stop being useful.
- Sanvika — a learning universe for toddlers, with characters that respond rather than instruct. Designed for a user who cannot read. Flutter

AI-Assisted Development Lead

2026 — PRESENT

AppDeft · Mohali, India

Leads the AI-assisted development team, building products and internal platforms that use Claude and other models as working parts of delivery rather than as a novelty.

- Established the organisation's AI practice — spec-driven development, context engineering, prompt design and agent loop patterns as standard method, not experiment.
- Architects multi-agent systems on an approve-by-exception model: routine work advances itself when risk is low and confidence is high; only exceptions reach a person.

DeliverAI — an operating system for software delivery. A discovery agent turns a prospect conversation into a real estimate; role-based agents (BA, PM, developer, QA, DevOps) then pick up tickets alongside human engineers. [Next.js 15](#) · [React 19](#) · [Prisma](#) · 164 files

ProposalMind — six specialised agents carry raw client input through analysis, clarification, a requirements document and a client-ready proposal, each stage gated and reviewable. [Laravel](#) · [Inertia](#) · [RAG](#) + embeddings · 235 files

AchookQA — an autonomous QA agent with persistent memory: 1,204 recollections across 128 days, so it knows which flows are brittle and which bugs recur before filing anything. [Playwright](#) · [LLM agents](#)

Guru — an embeddable AI chatbot deployed with one script tag, reporting what it failed to answer and how stale its knowledge has become. [Next.js 16](#) · [TypeScript](#) · [Prisma](#)

Project Delivery Lead

2025 — 2026

AppDeft · Mohali, India

Single point of accountability for the full client portfolio — what shipped, when, and at what margin.

- Delivered 104 projects across 30+ clients with a 40-person engineering organisation behind them.
- Ran estimation and delivery planning, sequencing committed work against real team capacity.
- Led architecture review on new engagements — the technical call made before commercial commitments.
- Owned client relationships end to end: status, scope negotiation, and recovery when projects went sideways.
- Restructured the portfolio into a seven-manager organisation and handed it over on transition.

BAI — the issue-tracking and delivery-billing system the organisation runs on. A full workflow engine (transitions, five priorities, twelve custom field types, automation, sprints, burndown, velocity) over a billing layer tracking cost against rate, burn rate and hours remaining on an immutable worklog trail. [Laravel 11](#) · [MySQL](#) · 388 files · 90 migrations

StageFlow, AssetHub, GyaanHub and Support Desk — a multi-tenant delivery and billing workspace; asset tracking with an exit-clearance audit trail; a gamified internal knowledge hub; and a departmental helpdesk arranged around ticket ageing. [Laravel](#) · [React](#) ·

Nemotron

Laravel Developer

DEC 2024 — 2025

AppDeft · Mohali, India

- Joined on client delivery, building full-stack applications across the agency's project mix before promotion into the delivery lead role.

Freelance Developer

2021 — 2024

Independent

- Three years delivering backend services and administrative platforms — the APIs behind public-facing applications and the consoles used to operate them.
- Held full ownership of the server side on long-running engagements with distributed teams.

Software Engineer

MAY 2019 — FEB 2021

Dakbears Web Solutions · Jaipur, India

ERP and e-commerce platforms for international clients, where multi-role systems and substantial business logic were routine.

- AmpedPro — gym ERP and commerce coordinating five distinct roles (vendor, retailer, admin, customer, influencer) across branches and catalogues.
- InspectionSO — ERP for a Canadian government body managing running projects in Montreal.
- Landedhomes (Singapore property), Taxi Healing (South African booking platform with admin panel), SSC Path (survey-driven offers engine) and Treasurebox (e-commerce).
- Held code quality across the delivery pipeline with SonarQube and SonarScanner.

Web Developer

OCT 2018 — MAY 2019

iSkylar Technologies · Jaipur, India

- The career switch: after seven years teaching computer science, completed a three-month web development programme and was retained as a developer. Built a Laravel-based intranet platform during the engagement.

Lecturer, Computer Science

2011 — 2018

Jayoti Vidhyapeeth Women's University · Arya College · GEC Ajmer

- JVVU (Aug 2015–Aug 2018) · Arya College (May 2014–Jul 2015) · GEC Ajmer (Jul 2011–Jun 2013). Explaining systems to people who do not yet understand them is the same skill as running architecture review.
- Designed and built Teacher's Daily Diary, an ERP managing student and faculty academic records — conceptual design, flow diagrams, interface concepts and ER diagrams. Where teaching turned into building.