

Rahul Kumar

AI SOFTWARE ENGINEER

AI FOUNDER · 6 LIVE PRODUCTS

FULL STACK · DISTRIBUTED SYSTEMS

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🔗 github.com/Rahulkr1996

🌐 rahulkr1996.github.io

🔗 rachna-ai.in · prachaaar-saathi.vercel.app

Profile

AI Software Engineer & Founder with 6+ years building high-throughput distributed systems across fintech, healthtech and data platforms on **AWS & GCP**. Founded **Mirage Reality Labs** — shipping **6 live AI products** integrating Claude, Gemini, DeepSeek & ChatGPT: an AI creative suite (Rachna AI Studio), AI recruitment platform (NiyuktiAI), AI marketing workspace (Prachaaar Saathi) and more. Expert in multi-model orchestration, generative UI, and zero-to-production SaaS. Owns complex problems end to end.

Experience

Founder & AI Software Engineer

Mirage Reality Labs · Bengaluru · rachna-ai.in · prachaaar-saathi.vercel.app · niyukti-ai.vercel.app

Claude API · Gemini API · DeepSeek · ChatGPT/Codex · Spring Boot · Java · JavaScript · GCP (Cloud Run, Cloud Storage, Cloud SQL) · Vercel · Unity 3D

- Built **6 live AI products** solo from zero to production: **Rachna AI Studio** (AI creative suite — wedding card generator Aamantran, greeting card generator Abhinandan, AI resume builder Parichay, website builder, QR utilities), **NiyuktiAI** (AI recruitment platform — bulk resume parsing, smart fit scoring, candidate pipeline), and **Prachaaar Saathi** (AI marketing workspace — campaign generator, SEO planner, outreach automation).
- Engineered **multi-model AI orchestration** across Claude, Gemini, DeepSeek and ChatGPT for generative design, copywriting, resume analysis and marketing workflows; token-based system with per-product pricing.
- Architected full stack with **Spring Boot (Java)** backend + JavaScript frontend; implemented SEO best practices achieving **top organic rankings** for "Rachna AI Studio" and "Mirage Reality Labs".
- Deployed all services on **GCP** (Cloud Run, Cloud Storage, Cloud SQL) and Vercel; containerised workloads with zero-downtime deployments.
- Shipped **two games** to Play Store + Itch.io and paid 3D assets on Unity Asset Store.

Software Consultant

Liftoff LLC · Bengaluru

Golang · Java · AWS (S3, EC2, Lambda, Kinesis, Aurora) · Kafka · PostgreSQL

- Built a fully automated overnight loan-processing engine in Go — processing **flagged pending loans** without manual intervention, stabilising **thousands of daily loan records**.
- Developed a mass document-generation pipeline producing **5–10k PDFs/day** with parallel Go workers; config-driven orchestration with **zero code changes per client onboarding**.
- Delivered scalable backend components for digital mortgage pricing (Java + Go).

Senior Software Engineer · SDE-2

Halodoc · Bengaluru

Owned backend design in Medical Insurance vertical (Golang + Java).

Golang · Java · Microservices · PostgreSQL · AWS

- Designed a modular reimbursement claims engine with dynamic rule evaluation — slashed latency from **minutes** → **seconds**.
- Built high-volume data ingestion for partner onboarding handling **millions of records** (CSV + API).

Software Engineer

Slicelt Credit · Bengaluru

Golang · Java · NodeJS · Kafka

- Introduced Kafka into synchronous order processing → async event-driven; **2–3x throughput increase** and dramatically reduced peak-time latency.
- Built Early Repayment / Invoice Generation workflow end to end.

Software Engineering Specialist

General Electric Digital · Hyderabad

Golang · Java · AWS · Kafka · Cassandra · PostgreSQL

- Built autonomous PII/data cleanup system — cron-driven, processing **~100 GB/month** (peak 752 GB); saved compliance teams hundreds of hours annually.
- Developed Kafka ingestion + query layers: Go ingestor for hot/cold storage and Java query app for fast analytical lookups at scale.
- Created an **AWS Secrets Management library** standardising secure credential access across microservices.

EARLIER EXPERIENCE & INTERNSHIPS

GE Digital Software Intern	Data Pipeline Automation Cross-platform app automating data pipelines across multiple databases; logic adopted in production. Java · Cross-platform · Multi-DB	May – Jul 2018
Alive Home Tech. IoT Intern	IoT Home Automation System IoT-powered automation with real-time mobile app control; deployed at client sites. IoT · Embedded · Mobile App	Dec '16 – Jul '17

Education

IIT Kharagpur

Dual B.Tech + M.Tech · Chemical Engg.

DPS Bokaro Steel City

CBSE XII · Science · 10.0 CGPA

AI Products Built

Rachna AI Studio

rachna-ai.in · 3 AI apps inside

Aamantran — multi-page Indian wedding card generator (15+ languages, 10 styles, PNG/PDF export). **Abhinandan** — personalised AI greeting card studio. **Parichay** — AI resume builder (6 templates, ATS-safe). Website Builder & QR utilities. Multi-model: Claude, Gemini, DeepSeek, ChatGPT.

[Claude API](#) [Gemini](#) [Spring Boot](#) [GCP](#) [Vercel](#)

NiyuktiAI

niyukti-ai.vercel.app

AI recruitment platform — bulk PDF resume parsing, 0–100 smart fit scoring per JD, LinkedIn import, stage pipeline (Applied → Hired). Fully local & private; no server data storage.

[Gemini API](#) [AI Parsing](#) [Fit Scoring](#) [Vercel](#)

Prachaaar Saathi

prachaaar-saathi.vercel.app

AI marketing workspace for founders & agencies — campaign generator, SEO strategy, customer intelligence, cold outreach, content calendar. One workspace replacing five tools.

[AI APIs](#) [SEO](#) [Campaigns](#) [Vercel](#)

DeepVRse & Game Assets

Android · Itch.io · Unity Asset Store

Underwater action roguelike with VR mode (Play Store + Itch.io); paid Cartoon Octopus 3D rigged asset on Unity Asset Store.

[Unity 3D](#) [Android](#) [VR](#) [Asset Store](#)

Skills

AI APIS, LLMs & PROMPT ENG.

[Claude API](#) [Gemini API](#) [DeepSeek](#) [ChatGPT](#)
[Multi-model Orch.](#) [Prompt Eng.](#) [Codex](#)

LANGUAGES & FRAMEWORKS

[Golang](#) [Java](#) [Spring Boot](#) [NodeJS](#) [JavaScript](#)
[Bash](#)

CLOUD · AWS & GCP

[AWS](#) [GCP](#) [S3 · EC2 · Lambda](#) [Kinesis · Aurora](#)
[Cloud Run](#) [Cloud SQL](#)

DATA, MESSAGING & BAAS

[Kafka](#) [PostgreSQL](#) [Cassandra](#) [Supabase](#)
[Firebase](#)

FRONTEND, GAME DEV & TOOLS

[Unity 3D · WebGL · VR](#) [ElectronJS](#) [Vue · AngularJS](#)
[Docker](#) [Jenkins · Git](#)

Languages

Hindi Native

English Professional