

Arpit Singh

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Experience

Resourcifi (Associate Software Engineer)

2024 – Sep 2026

ReachIQ

- Owned the frontend for an outbound sales platform used across 10+ tenants and a 13M+ contact database. The product supported more than \$50K in revenue.
- Fine-tuned GPT-4o on company data, replacing a prompt-only email generation flow in production.
- Built model routing and tenant-level token cost monitoring, using lower-cost models for straightforward requests and stronger models for complex work.
- Created an evaluation set for prompt and model changes using temperature, top-p, and top-k experiments.
- Built an internal lead generation tool that produced about 5,000 qualified leads in 10 months.

HubSpot Custom Card

- Built a HubSpot deal-page card that reduced manual sales paperwork by filling manpower, contract, and deal details.
- Developed the React and MUI frontend and a Node.js and Express backend using the HubSpot API, rate limiting, CORS, and Helmet.

OutreachIQ

- Built an outreach platform used by 200+ people across Resourcifi and sister companies, generating 50K+ email sequences.
- Developed email generation, templates, and prospect history using React, Vite, MUI, Tailwind, and Node.js.

Orison Education India Ltd

Summer Intern

Jun 2022 – Jul 2022

Pune, Maharashtra

- Presented an automated motorized wheelchair concept and secured about INR 5 lakh in seed funding for prototype development.

Projects

Ambio: Interior Design Platform [Live]

Next.js 15, React 19, Zustand, Framer Motion

Jun 2025 – Dec 2025

- Built the frontend for a social feed with infinite scrolling and optimistic likes, comments, and follows, including rollback when requests fail.
- Built designer tools including an inline-edit client tracker and a bill-of-quantities PDF generator using jsPDF.

Prospect Research Agent

Python, FastAPI, PostgreSQL, React, Docker

Sep 2026

- Built a 21-table PostgreSQL knowledge base and idempotent job pipeline for discovery, domain verification, ICP scoring, buyer discovery, and email checks. Every finding records its source, confidence, and observation time.
- Measured five acquisition sources and processed 21,218 HTTP requests across 1,114 URLs, producing 392 organizations, 361 buyers, 331 useful human prospects, and 28 accepted prospects.
- Reduced request amplification from 42.8x to 4.12x by fixing duplicate work and adding caching, redirect reuse, and fetch guards. Enforced 1 request per host, a 1.5-second minimum interval, and SSRF protection; verified with 1,557 passing tests.

Skills

AI and LLM: GPT-4o fine-tuning, retrieval-augmented generation, model routing, prompt evaluation, OpenAI API, Anthropic API

Languages: TypeScript, JavaScript, Python, SQL, Java, HTML/CSS, Bash

Frameworks: React, Next.js, Node.js, Express, FastAPI, Prisma, SQLAlchemy, Redux, Zustand, MUI, Tailwind

Tools and Databases: PostgreSQL, MySQL, Git, Docker, AWS, Linux, Firebase

Education

Jaypee University of Engineering and Technology

B.Tech, Computer Science Engineering | GPA: 7.8

Aug 2020 – Jul 2024

Guna, India