

# Arka Lal Chakravarty

+91-7365052973 | arkalal.chakravarty@gmail.com | [portfolio](#) | [github](#) | <https://www.linkedin.com/arkalal>

## PROFILE

Full-Stack Engineer with 4+ years of experience building scalable software applications using React, Next.js, Node.js, and MongoDB. Strong frontend specialization with hands-on experience in design and integrating LLM-based AI automation (RAG, embeddings, agent workflows) into production systems.

## SKILLS

**Languages:** JavaScript, TypeScript, Python

**Frontend:** React, Next.js, HTML, CSS, SCSS, Tailwind CSS

**Backend:** Node.js, Express.js, FastAPI, REST APIs

**Databases:** MongoDB, Supabase, Vector Databases (Pinecone, Qdrant)

**AI & Automation:** OpenAI API, Claude API, LLMs (OpenRouter), Retrieval-Augmented Generation (RAG), Embeddings, Prompt Engineering, Agent Workflows

**Soft Skills:** Cross-functional Collaboration, Technical Communication, Problem-Solving, Adaptability, Ownership Mentality.

## EXPERIENCE

Epigroww Global

Delhi, India

### Lead Full Stack Engineer

Sept 2025 – Present

- Leading development of a full-stack influencer marketing SaaS platform (trydisco) using Next.js, Node.js, Vercel and MongoDB.
- Built responsive, high-performance frontend flows in React using reusable UI patterns and scalable state handling.
- Implemented “Connect Instagram” onboarding flow and DM automation builder end-to-end with scalable backend architecture.
- Integrated 2+ third-party APIs (Phyllo and Instagram analytics via RapidAPI) to enrich creator data and improve discovery filtering accuracy.

Helionix Tech

Remote

### AI Full Stack Engineer (Contract)

Feb 2025 – Jun 2025

- Developed multi-agent automation workflows using tool-calling to orchestrate 5+ modular task flows for content generation and scheduling.

- Built and shipped a LinkedIn Chrome extension SaaS supporting automated publishing workflows.

ScaleGenAI

Remote

**AI Full Stack Engineer**

Jul 2024 – Dec 2024

- Built full-stack B2B SaaS applications for enterprise clients integrating LLM-driven AI features.

Infojini Inc.

Hyderabad, India

**Frontend Engineer**

Mar 2022 – Jul 2024

- Developed enterprise-grade frontend applications deployed across 2+ production environments for US government and healthcare clients.
- Built scalable UI modules using React, Next.js, and AngularJS in production environments.

## PROJECTS

### AtomX Website Redesign

- Redesigned and built the entire atomX website, ensuring proper SEO and modern UI design that aligns with the brand.
- Developed attractive GSAP and framer animations as a part of design to deliver a best-in-class user experience.

### Agentic Copilot — Custom Knowledge-Based Assistant

- Designed a production-grade AI chat Agent with RAG system enabling users to chat with private knowledge bases.

## EDUCATION

North Bengal St. Xavier's College

Siliguri, India

**B.A. in History**

2018 – 2021