

Shivam Chaturvedi

AI Application Engineer

Building AI-powered applications through research, product thinking, and modern full-stack technologies.

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Professional Summary

AI Application Engineer with **4+ years of experience** across market research, competitive intelligence, and business analysis, currently building AI-powered applications using Next.js, React, TypeScript, Supabase, Anthropic API, and Vercel. Experienced in translating business problems through structured research into practical AI-assisted workflows, designing application architecture, and building production-oriented software. Strong foundation in research, analytical problem-solving, product thinking, rapid learning, and AI-assisted development.

Selected Achievements

- Built an **AI-powered Career Intelligence Platform** evolving from a resume analyzer into a structured career research and intelligence application.
- Integrated **Anthropic API and LLM-powered workflows** for resume analysis, career research, structured inputs, and AI-generated insights.
- Designed a **provider-agnostic AI architecture** supporting future model and provider integrations.
- Implemented production safeguards including **token-budget controls, structured telemetry, error handling, automated testing, and security validation**.
- Delivered **40+ market intelligence engagements** across healthcare, BFSI, technology, and other industries.
- Produced **100+ intelligence reports** supporting AML/KYC, due diligence, competitive research, risk analysis, and strategic decision-making.

Technical Skills

AI / LLM: Anthropic API, LLM Applications, Prompt Engineering, AI-assisted Development, ChatGPT, Claude, Gemini

Application Development: Next.js, React, TypeScript, JavaScript, REST APIs, Next.js API Routes, Tailwind CSS
Backend / Data: Supabase, PostgreSQL, SQL

Cloud / Engineering: Vercel, Git, GitHub, Sentry, Playwright, Automated Testing

Research / Business: Market Research, Competitive Intelligence, Secondary Research, Market Sizing, Competitor Benchmarking, Business Analysis, AML/KYC Research

Featured AI Project

Career Intelligence Platform — AI Application 2026 — Present

- Designed and developed an **AI-powered platform** for resume analysis, career research, and structured job intelligence.
- Integrated **Anthropic API** for LLM-powered analysis and AI-assisted career workflows.
- Built the application using **Next.js, React, TypeScript, Supabase, Tailwind CSS, and Vercel**.
- Designed a **provider-agnostic architecture** to support future model and provider integrations.
- Added production-oriented capabilities including monitoring, automated testing, security validation, token-budget controls, and structured telemetry.

Professional Experience

Senior Research Associate — Jasper Colin Research Sep 2024 — Present

- Delivered market intelligence and competitive research engagements across healthcare, BFSI, technology, and other industries.
- Conducted secondary research, market sizing, competitor benchmarking, and structured business analysis.
- Produced executive-ready intelligence reports supporting consulting and strategic decision-making.
- Translated complex research requirements into structured datasets, analysis, and actionable insights.

Research Analyst — ZIGRAM Nov 2021 — Jan 2024

- Conducted **AML/KYC research, due diligence, and intelligence investigations** across structured and un-structured information.
- Produced **100+ intelligence reports** supporting compliance, risk analysis, and investigative workflows.
- Performed structured entity research, data validation, information analysis, and quality checks across large datasets.

Education

MBA — Finance & IT JP Institute of Technology

B.Tech — Computer Science & Engineering Bharati Vidyapeeth College of Engineering, Pune

Certifications

Business Analytics — IIM Indore SQL for Data Analysis — Codecademy