Alankrit Asthana

FULL-STACK DEVELOPER · AI INTEGRATION · AGENTIC AI (LEARNING)

alankritasthana12@gmail.com
+91 8299737502
Kanpur, India
linkedin.com/in/alankrit-asthana
github.com/alankritasthana12-del

SKILLS

AI & Automation

AI Prompt Engineering · LLM Concepts & Theory · AI API Integration · Agent Architectures · Eval Rubric Design

Web Development

TypeScript · JavaScript · Node.js · Vite · REST APIs

Databases & Infra

MongoDB · Firebase · Vercel · Netlify · Cloudflare

Workflow & Tools

Process Mapping · Data Structuring · Git & GitHub

CERTIFICATIONS

AI Agents for Beginners
Simplilearn SkillUp · May 2026

Understanding Agentic AI
AgentAcademy · 2025

Intro to Programming with Python (CS50P)
Harvard University · 2025

EDUCATION

PSIT College of Higher Education
Bachelor of Computer Applications (BCA)
Second Year · CSJMU, Kanpur
Aug 2025 – Jul 2028

LANGUAGES

Hindi — Native
English — B2 Upper Intermediate

ABOUT ME

Second-year BCA student and **self-taught full-stack developer** who independently builds and ships production web applications used by real users — with no team, no budget, and no external guidance. Has hands-on experience **integrating AI APIs, writing structured prompts, and mapping user workflows** into deployed, working tools. Strong theoretical foundation in **LLMs, agent architectures, machine learning, and automation** gained through focused self-study and certification — actively translating that knowledge into practice and building toward a dedicated career in **agentic AI engineering**.

PROJECTS & TECHNICAL WORK

PSITCHE Student Directory

Full-Stack Dev · 2025

↗ Live

- Independently designed and shipped a centralized student directory serving **3,000+ active college users** — owning the full lifecycle from data architecture to deployment and post-launch ops.
- Built a structured **admin operations panel** enabling staff to manage and publish student records through a clearly defined multi-step workflow.
- Designed data schema and access control logic for real-world use; handled all user feedback and iteration cycles independently after launch.

Premortem — AI Startup Failure Analysis

AI Prompt Engineering · 2026

↗ Live

- Built an AI-powered tool that **stress-tests startup ideas** by simulating potential failure scenarios across market, financial, and product dimensions through structured AI prompts.
- Designed a **multi-criteria failure-mode evaluation framework** that breaks a single idea into distinct risk categories, producing structured, explainable analysis instead of generic AI output.

Recite AI — AI Academic Assistant

AI Integration & Prompt Engineering · 2025

↗ Live

- Integrated an **AI API into a functional web interface**, defining agent behavior through structured system prompts across academic Q&A, college info, and chat workflows.
- Synthesized fragmented institutional data (schedules, policies, resources) into **clean, prompt-ready knowledge inputs** to improve response accuracy and usefulness for real student users.

Veriscope — AI Content Verification Tool

AI Prompt Engineering · 2025

↗ Live

- Built an AI-powered credibility checker by designing **multi-criteria evaluation prompts** that score content against source quality, logical consistency, and factual alignment.
- Developed rubric-driven prompt logic that structures AI output into **clear, explainable verdicts** — directly applicable to AI output evaluation and grading tasks.

PSIT Unfiltered — Anonymous Campus Platform

Full-Stack Dev · 2025

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- Designed a **dual-identity verification workflow** — authenticated student identity paired with runtime anonymity — managing sensitive data routing between both states.
- Mapped the complete user journey from onboarding through real-time interaction, structuring communication flows to balance privacy with platform integrity.