

PREET JAIN

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EDUCATION

D.Y. Patil College of Engineering, Akurdi

Bachelor of Engineering in Information Technology

2023 – Present

CGPA: 9.46

SNBPs International School, Manjri

Senior Secondary (12th Grade)

2023

81.6%

WORK EXPERIENCE

ConnectWise

June 2026 – August 2026

Software Engineer Intern (DevOps)

On-site

- Extended an Autonomous SRE Agent with MCP integrations across Dynatrace, OpenSearch, and AWS, automating incident triage, root-cause analysis, and mitigation planning across 50+ production incidents.
- Benchmarked 90–95% root-cause accuracy by cross-verifying agent findings with senior engineers and domain experts in live war rooms; the agent cut MTTR from 3 hours to 15 minutes.
- Built the agent-to-Teams notifier from scratch: adaptive cards on investigation complete, failed, or timed-out events.

Annam.ai | IIT Ropar

June 2025 – August 2025

Software Engineer Intern

Remote

- Developed React.js frontend and real-time Socket.io features (Node.js/Express.js) for a poll automation platform.

PROJECTS

trace | Next.js, Vercel AI SDK, Claude, MCP, PostgreSQL, Drizzle ORM

[GitHub](#)

- Architected a 4-layer reconciliation agent (Detect, Investigate, Explain, Act) for Razorpay settlement GST vs GSTR-2B: arithmetic produces every figure; an MCP tool-calling loop classifies unresolved records.
- Engineered hallucination guards: answers citing records absent from the batch are flagged on screen, and every drafted CA email, GSTR-3B flag, and Tally entry is checked against source figures before a human confirms it.

lecturelens | Node.js, Qdrant, Transformers.js, Gemini, React

[GitHub](#)

- Created a RAG assistant over Udemy course subtitles that cites the exact module, lesson, and timestamp, indexing 1,955 transcript chunks with local embeddings to avoid API rate limits.
- Implemented an advanced retrieval pipeline: history-aware guardrail, multi-turn query condensation, HyDE to bridge spoken-lecture phrasing, and LLM reranking of up to 10 candidates down to 5.

commonplace | Next.js, Supabase, pgvector, Groq

[GitHub](#)

- Designed a NotebookLM-style RAG app ingesting PDFs, web pages, YouTube, and transcripts into notebook-isolated pgvector search, with streamed answers whose citations jump to the exact page, timestamp, or passage.

formforge | Next.js, tRPC, Express.js, Drizzle ORM, PostgreSQL, Turborepo

[GitHub](#)

- Shipped a drag-and-drop form builder in a Turborepo monorepo with end-to-end tRPC type safety, shared Zod schemas, server-validated conditional logic, funnel analytics, and custom JWT auth.

TECHNICAL SKILLS

Agentic & GenAI: MCP, RAG, HyDE, Reranking, Vector Search, Guardrails, Vercel AI SDK

Languages & Frameworks: TypeScript, JavaScript, Node.js, Express.js, Next.js, React

Data & Cloud: PostgreSQL, MongoDB, Redis, Qdrant, pgvector, Kafka, AWS, Docker, Dynatrace, OpenSearch

ACHIEVEMENTS

- **1st Place, ChaiCode Hackathon:** built *stellar-tickets*, a movie ticket booking platform.
- **1st Place, ChaiCode Hackathon:** built *teawindcss*, a browser-native utility-first CSS engine.
- **Top 5% rank, NPTEL:** “Programming in Java” certification course.
- **Competitive Exams:** Gold medals in NSTSE and UIEO; multiple medals in SOF Olympiads (IMO, IEO, NSO).
- **Chess:** 2nd runner-up at SMCA tournament (200+ participants); competed at district and state level.