

Lakshya Paliwal

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EDUCATION

Manipal University Jaipur

Aug 2023 - Jun 2027 (Expected)

B.Tech in Computer Science and Engineering

CGPA: 8.66/10

Relevant Coursework: Machine Learning, Deep Learning, Data Structures and Algorithms, Data Science, Artificial Intelligence, Statistics and Probability, Computer Organization and Architecture, Advanced Mathematics for Data Science, Linear Algebra for ML.

SKILLS

Programming Languages: Python, C, C++, Java, JavaScript, Typescript, SQL

Technologies/Frameworks: React, Node.js, Express.js, FastAPI, Flask, Docker, MLflow, ZenML, Tensorflow, Keras, Hugging Face Transformers, Scikit-learn, LangGraph, LangChain, Jupyter Notebook, Colab, Git, GitHub, VS Code

Databases: MongoDB, PostgreSQL, Prisma

Cloud & Platforms: Cloudflare Workers, AWS, Vercel

Domains & Expertise: Full-Stack Development, Machine Learning (ML), Deep Learning (DL), Natural Language Processing (NLP), Computer Vision (CV), Data Analysis

EXPERIENCE

Oddmind Innovations (Remote, Chandigarh)

July 2025 – Present

Full Stack AI Engineering Intern

- Building an AI-powered mock interview platform to help students gain practical interview experience and improve job readiness.
- Contributing to the development of multilingual Call AI Agents focused on bridging employment gaps in rural communities through conversational AI solutions.

Chronocept

Feb 2025 – March 2025

Annotator

- Annotated 250+ text samples to train NLP systems on temporal reasoning through segmentation, axis classification, and temporal validity modeling.
- Supported the creation of the [Chronocept Dataset](#), improving AI's understanding of event timelines.
- [Link to Publication of the Paper](#)

PROJECTS

- [Finfluenzz](#) — [Live Link](#)
 - AI-powered gamified finance platform for Gen Z, merging fintech tools with a nostalgic retro arcade experience.
 - Developed an AI Finance Advisor leveraging Groq LLM to deliver intelligent investment recommendations, technical analysis (RSI, SMA, MACD), and tailored financial insights.
 - Integrated real-time stock and crypto data using Alpha Vantage and CoinGecko APIs, along with risk confidence scoring for informed investment decisions.
 - Engineered a Budget Tracker with real-time expense CRUD, category-wise classification, AI-generated summaries, interactive charts for financial visualizations, and a Splitwise-style feature for tracking group expenses.
 - Enhanced the Investment Zone with Zerodha API integration for seamless portfolio management and Gemini AI-powered portfolio evaluation.
 - **Technologies:** React, TypeScript, Tailwind CSS, Cloudflare Workers, Hono, Prisma ORM, PostgreSQL, Groq Cloud LLM, Gemini API, Zerodha Kite Connect
- [Snippify](#) — [Live Link](#)
 - Full-stack AI-powered snippet management application, full CRUD operations on snippets, snippets created can be set public/private based on user's preference.
 - Integrated an automated Groq-powered AI agent capable of generating, refactoring, and explaining ready-to-add code snippets based on developer prompts.
 - Architected the backend using Hono on Cloudflare Workers for ultra-fast serverless APIs with PostgreSQL as the persistent data layer.
 - **Technologies:** React, TypeScript, Tailwind CSS, Hono, Cloudflare Workers, PostgreSQL, Groq Cloud LLM
- [Smart Property Finder](#):
 - Developed a Model Context Protocol (MCP) server tool integrated with the Puch AI WhatsApp interface for smart property recommendations.
 - Utilized Firecrawl API to extract property listings based on user queries from real estate websites like 99acres and Square-Yards.
 - The extracted data is passed to Groq LLM, which analyzes property and location details and returns a detailed summary.
 - **Technologies:** Firecrawl API, Groq LLM API, FastMCP, Python