NAINA DUGAR

[redacted] | [redacted] | [redacted] | codolio.com/profile/sodiumcodes

TECHNICAL SKILLS

Languages: Python, JavaScript, C++
AI/Generative AI: Large Language Models (LLMs), AI Agents, LangChain, RAG
Frontend: React.js, Responsive UI
Backend: Node.js, Express.js, REST APIs, JWT
Databases: MongoDB, Supabase, SQL
Tools: Git, GitHub, Postman, VS Code

PROJECTS

Socially | React, Node.js, Express, Supabase | Live Demo | Source Code

- Developed a full-stack social platform with authentication, user profiles, personalized feeds, and RESTful APIs.
- Designed a modular backend architecture using controllers, routes, middlewares, and database models for better maintainability.
- Implemented authorization and feed-visibility logic based on user attributes such as campus, batch, and branch.

InsightFlow-AI | Python, LangChain, Groq, Tavily, BeautifulSoup, Streamlit | Live Demo | Source Code

- Built an AI research assistant that orchestrates multi-step LLM workflows for search, extraction, generation, and critique.
- Integrated external tools through tool calling, allowing the agents to search and extract information from web sources.
- Implemented a critic agent to evaluate generated outputs and provide structured feedback.

RetailPulse | Python, Pandas, NumPy, Plotly, Streamlit | Live Demo | Source Code

- Analyzed 1M+ e-commerce transactions to evaluate sales performance, product trends, customer behavior, and geographic revenue distribution.
- Built a data-cleaning and feature-engineering pipeline handling missing values, duplicate transactions, cancellations, invalid prices, and transaction-level revenue calculations.

ACHIEVEMENTS

- **Solved 750+ DSA problems**, including 200+ each on LeetCode and GeeksforGeeks.
- **Participated in 17 contests** across platforms like CodeChef and Codeforces.
- **Winner of the Second Coding Dojo** (Intra-College Coding Competition).
- Served as a **teaching assistant for my DSA mentor**, supporting junior batches with problem-solving and doubt resolution.
- **Organized and hosted 6 technical/cultural college events**, coordinating with teams and participants to execute them successfully.

EDUCATION

Indian Institute of Technology Patna
2024 – 2028
B.Sc. Computer Science & Data Analytics