

AKSHAT SINGH

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PROFILE SUMMARY

Full-stack developer and self taught builder focused on fintech infrastructure, data pipelines, and applied AI. Built ShortingDash, a live SLBM market terminal for Indian equities, covering backend, frontend, database design, and deployment end to end. Looking for an internship to contribute to real products and learn from experienced engineers.

TECHNICAL SKILLS

Languages: Python, SQL, JavaScript

Frameworks & Libraries: FastAPI, React, Node.js, Express, Pandas, Vite

Infrastructure & Deployment: Git, GitHub, PostgreSQL, Render, Vercel, Supabase

Financial Domain: Equity Markets, Securities Lending & Borrowing (SLB), F&O

EXPERIENCE

Full stack developer – ShortingDash (SLBM Market Terminal) | April 2026 – Present
shortingdash.com

- Built and deployed a full-stack SLBM market terminal for Indian equities, visualizing daily open positions, eligibility status, and foreclosure risk for retail traders.
- Designed the backend with FastAPI and a PostgreSQL/Supabase schema, including a computed endpoint that joins daily market files for efficient querying.
- Diagnosed and fixed an N+1 query bottleneck via SQLAlchemy eager loading, cutting dashboard load time from ~50s to under 1s.
- Built the React frontend and deployed the full stack end-to-end (Render backend, Vercel frontend), solo.
- Developing a scalable short interest analytics engine by integrating diverse NSE data streams and sophisticated quantitative metrics.

PROJECTS

AI & Prompt Engineering Projects | April 2026

- Weather Agent [\[Link\]](#): An automated tool that fetches real time data using LLMs and external tools.

Python Utility Development | April 2025 – Present

- Terminal To-Do [\[Link\]](#): A lightweight CLI application for efficient task management.

EDUCATION

Dr. GPRD College April 2023 – May 2026

- Bachelor of Science, Biology — 8.11 CGPA

Woodbine Gardenia School April 2020 – June 2022

- 10+2, Science

EXTRACURRICULAR

- U-19 East Zone Swimming Champion – demonstrated long term discipline and competitive drive.
- Independent Financial Researcher – conducted extensive research on Indian Securities Lending & Borrowing (SLB) markets, directly informing ShortingDash's product design.