

Raksha Sinha

📍 New Delhi, Delhi, India ✉ rakshasinha1908@gmail.com ☎ 8700475361 📁 Portfolio in rakshasinha
</> Leetcode 🐙 rakshasinha1908

Career Objective

Software Developer passionate about building user-friendly applications and integrating AI/ML to create smarter, data-driven solutions. Eager to learn and contribute to impactful projects.

Education

K.R. Mangalam University, Gurugram

2023 – 2027

Bachelor of Technology in Computer Science with specialization in AIML

- **Relevant Coursework:** Data Structures and Algorithm, Object Oriented Programming, Databases, Operating System

Experience

AI Quant Research Intern

Remote

Citesert

June 2025 – Aug 2025

- Analyzed 50,000+ rows of NSE stock movement data using Python (pandas/NumPy), extracting intraday trends and anomalies
- Automated data collection & preprocessing scripts, reducing manual effort by 40% and ensuring reproducible research pipelines
- Designed clustering pipelines to group intraday stock moves, enabling pattern recognition across 200+ NSE symbols
- Integrated LLMs (Perplexity, Gemini, Claude) for automating research tasks such as summarizing market drivers and mapping textual reasons to stock returns

Projects

Quick Jot - Browser-Based Note-Taking App

[Live Project](#) 

- Developed **QuickJot**, a lightweight browser-based note-taking app with features like starred notes, search, and bullet formatting, enabling quick and organized idea capture.
- Designed and implemented a clean, user-friendly interface using **React** and **Vite**, ensuring smooth performance without requiring user registration.
- Tools : React, Vite, CSS, Vercel

Skills

Languages: Java, JavaScript, HTML, CSS, Python

Frameworks: React.js, Node.js, Flask

Libraries: Pandas, NumPy, Matplotlib / Seaborn, Scikit-learn, BeautifulSoup

Databases: MySQL

Tools: Visual Studio Code, Git, Github, Vercel, Vite, Framer Motion

Soft Skills: Problem Solving, Communication Skills, Adaptability, Team Collaboration

Certifications

Data Analysis with Python - Cognitive Class (IBM Developer Skills Network)

[Certificate](#) 