

# Nikhil Kadiyan

Hyderabad, India

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Portfolio Website

nikhilcad

nikhilcad

## EDUCATION

**National Institute of Technology Delhi**  
Bachelor of Technology (CGPA: 8.44)

2020-24

## EXPERIENCE

**ThoughtSpot | Member of Technical Staff 3 | Java, Golang, React, Typescript, GraphQL** Aug '25 - Present | Hyderabad

- Working on Integrating Thoughtspot's web plugins in Google Slides, Sheets, Microsoft Excel and Powerpoint to give customers a holistic view of their data within their preferred application.

**ThoughtSpot | Member of Technical Staff 2 | Java, Golang, React, Typescript, GraphQL** Jul '24 - Jul '25 | Hyderabad

- Achieved a **90% reduction in homepage load time** by migrating the internal Cassandra impressions database to a new schema, replacing per-view lookups with a unified table storing total views per user.
- Introduced **org awareness** to the trending table of **Cassandra** database by creating a new table with altered schema, allowing each isolated org in the instance to have separate trending objects.
- Executed team-led **zero downtime data migration** of **50M+** rows across clusters in **Cassandra** database by implementing a background script that safely transferred data and seamlessly switched over to the new schema.
- Redesigned the user onboarding to highlight **AI-powered Spotter**, guiding users through creating connections, importing data, and asking questions via natural language, resulting in improved feature adoption by 30%.
- Addressed a **security vulnerability** in the share API by implementing a Redis-based rate limiter after penetration testing exposed a missing rate limit, effectively controlling API request rates and mitigating abuse risks.
- Diagnosed and patched** a Mixpanel overtracking issue ahead of a renewal, **reducing test event volume by 98.5% (20M to 300K)** and **saving \$30K**.
- Added frontend support for **monitor alerts in Slack**, enabling users to receive data updates directly in Slack without opening the BI tool, increasing notification click rate by 20%.

**ThoughtSpot | Software Engineering Intern | React, Typescript, Playwright, Jest** Jan '24 - Jun '24 | Hyderabad

- Migrated schema viewer from Angular to React by creating new React components and making GraphQL calls to the backend. Also rectified design issues in the legacy UI during migration.
- Worked on **Filter and Sort features** for worksheet tables and columns along with one team member. Collaborated with the backend team to update the API to include **tags, authors, and database info** for sorting.
- Rolled out Knowledge Cards that show users information about a selected table including database, schema, and author. Made API calls to the backend.
- Resolved **critical customer-reported bugs**, with an average turnaround of 1-2 days to merge changes into master.

**ThoughtSpot | Software Engineering Intern | React, Typescript, Jest** Jun '23 - Jul '23 | Hyderabad

- Streamlined **50+ accessibility improvements** across the product's website.
- Worked with **React.js** and **Typescript** to ensure accessibility by **keyboard and screen readers**, especially for blind and near-sighted users.
- Collaborated with the team to ensure that the website complied with **WAI-ARIA and WCAG** international standards, achieving **Level A** accessibility certification for legal compliance.

## PROJECT HIGHLIGHTS

**Golang News Reader (UI + Terminal) [Code]**

- Developed a full-stack RSS reader with a **Go backend**, **React frontend**, and an interactive **Terminal User Interface (TUI)**.
- Implemented a **SQLite-based caching system** and a **RESTful API** in Go for efficient feed management and content delivery.
- Supports full article content extraction, TTS, and integrated podcast media enclosure.
- Designed a **responsive UI** (web + terminal) with keyboard/mouse navigation, feed grouping, and persistent read/unread tracking.

**Real Time Chatroom Application [Code+Screenshots]**

- Built a multi-platform chat system with **Next.js**, **Clerk authentication**, and **AWS S3 storage**.
- Supported **2GB media uploads** and enabled real-time messaging with **Socket.IO** for real-time bidirectional communication.
- Deployed a working demo used by **50+ test users**.

## SKILLS

- Core:** Java, Golang, TypeScript, React, SQL, GraphQL
- Proficient:** Python, C++, Node.js, Next.js, Flask
- Tools:** Git, Docker, Firebase, AWS (S3, EC2), Jest, Playwright

## ACHIEVEMENTS

- Solved **600+** Data Structures and Algorithm problems on **Leetcode** [Link], rated **1764** in contests.
- Achieved a highest rating of **1736 (Expert)** in **Codeforces** [Link].
- Published paper **Study and Analysis of Plant Disease Identification Models** for ICIC3S Conference, available on [IEEE Xplore] DOI: 10.1109/ICIC3S61846.2024.10603350.