

# Nikhil Kadiyan

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Portfolio Website

in nikhilcad

nikhilcad

## EDUCATION

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

2020-24

## EXPERIENCE

**ThoughtSpot India Pvt Ltd**

Hyderabad, On-Site

*Software Engineering Intern*

Jan '24 - Present

- Worked on **Filter and Sort** feature for worksheet tables and columns along with one team member. Collaborated with the backend team to add new parameters in existing API to include **tags, authors and database info** to sort the tables.
- Resolved **high priority bugs** in the existing code on a priority basis for the customer, with average time of 1-2 days to merge the changes into master. **Cherry picked** must fixes to already released software, added retroactively to older versions of product.

*Software Engineering Intern*

Jun '23 - Jul '23

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

## PROJECT HIGHLIGHTS

**Golang Terminal News Reader [Code]**

- Created a terminal news reader in **Golang** using **Bubbletea**, for easy navigation of parsed news and YouTube feeds.
- Integrated **SQLite** for efficient storage and retrieval of feeds, optimizing data management within the terminal.
- Implemented content fetching from the URL to **parse** and display full article text instead of truncated feed contents.
- Also implemented an **API** using **Go** supporting retrieval and addition of feeds and updating them in database

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

- Implemented a Real Time Chatroom with **Next.js** for seamless server side rendering, and **Clerk** for authentication
- Integrated **UploadThing** as a robust big data server, supporting file uploads up to 2GB
- Ensured effective **CRUD** operations and server communication using the promise-based HTTP library **Axios**
- Facilitated real-time bidirectional communication across platforms using **SocketIO**

**Photogram - An image sharing social media platform [Code] [Live]**

- Launched Photogram, a dynamic image-sharing platform with **secure user authentication** using **Firebase**
- Implemented **post, comments, home page and suggested users** functionality for enhanced user engagement
- Developed responsive UI using **React**, utilizing **ChakraUI** for common UI elements
- Utilized **Zustand** for efficient state management in the frontend, providing instant updates of frontend on any change in backend

**Created a Clicker Game Using Godot Engine [Code] [Live]**

- Built a conventional clicker with various types of **shops/auto-clicker** upon progression
- Has **exponential difficulty** (similar to other games in genre) to deviate income from in game cost in log scale
- Can be played on Windows, Browser and Android, played by 600+ players on **itch.io**
- Has **Save, Load, and prestige options** to provide engaging gameplay

## SKILLS

- **Languages:** Python, C++, Java, SQL, JavaScript, TypeScript
- **Frameworks:** ReactJS, Jest, Playwright, Spring Boot, NextJS, NodeJS, Angular, Flask
- **Developer Tools:** Git, Heroku, Vercel, Firebase, LaTeX, VSCode, IntelliJ
- **Libraries:** Prisma, Pandas, Geopandas, ChakraUI Bootstrap, rayLib, Godot

## ACHIEVEMENTS

- Solved **350+** Data Structures and Algorithm problems on **Leetcode** [Link]
- Achieved a highest Rating of **1708**, 3 stars in **Codechef** [Link]
- Awarded 5 stars in Python and C on **Hackerank** [Link]