

Nikhil Kadiyan

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Portfolio Website

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

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

Software Engineering Intern

Jan '24 - Present

- Shipped **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. Increased efficiency for analyst users by 20%
- 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.

PROJECT HIGHLIGHTS

Real Time Chatroom Application [Code+Screenshots]

- Implemented a Real Time Chatroom with **Next.js** for seamless server side rendering, and **Clerk** for authentication
- Enhanced styling consistency through the application of styles with **TailwindCSS**
- 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

Python News Reader App [Code+Screenshots]

- Created a News Reader App using **Python**
- Provided a way to subscribe user's sources using RSS feeds available at preferred website
- Use **beautifulsoup library** to parse the website content with selectors

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 **300+** 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]