

Nikhil Kadiyan

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EDUCATION

National Institute of Technology Delhi 2020-24
Bachelor of Technology (CGPA: 8.4 upto Sem 7)

Kendriya Vidyalaya, Shalimar Bagh Delhi, India
Class 12 - 94 % 2020
Class 10 - 91.8 % 2018

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

PROJECT HIGHLIGHTS

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 Movie Description Site in React and Flask [Code]

- Built a web app that fetches movie title, description and poster using **Flask**
- Uses the **TMDB API** to get dynamic movie information
- Uses **React** and **Node** to build the front-end

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

Created game "pyrager" using Python [Code+Screenshots]

- Can move using keyboard keys to move. Basic **collision detection** using arrays
- **Saving and loading** using Python and text files

SKILLS

- **Languages:** Python, C, C++, Java, SQL, JavaScript, TypeScript
- **Frameworks:** ReactJS, NextJS, NodeJS, AngularJS, Flask, Firebase, PostgreSQL PyTorch, Godot
- **Developer Tools:** Git, Heroku, Vercel, LaTeX, VSCode, IntelliJ
- **Libraries:** ChakraUI, Pandas, Geopandas, Bootstrap, libGDX

ACHIEVMENTS

- **Leetcode** : 250+ problems [Link]
- **Codechef** : Highest Rating 1708 [Link]
- **Hackerank** : 5 stars in Python [Link]