

KANIKA RAJPAL

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Summary

I'm a Pedantic coder with a keen interest and a good command of building things up **from scratch** or refactoring code for **better performance**. I love to make user-centric interfaces by utilizing different libraries and have **hands-on experience** in building web apps using **ReactJS, Firebase, MaterialUI, etc.** Throughout my academics at ADGITM, I've consistently demonstrated excellence, securing the **1st rank in the 5th semester** in the CSE and an **overall 2nd rank**. Currently, working on mastering Data Structures and Algorithms, dedicating daily practice on platforms like LeetCode and GeeksforGeeks and building a side project using **MERN stack**.

Education

2020 - 2024	Bachelors in Computer Science Engineering at ADGITM (GGSIPU)	96.4 (Percentage)
2018-2020	Class 12th at Jai Hind Public School CBSE Board - (PCM)	87.6 (Percentage)
2016-2018	Class 10th at DAV Public School CBSE Board	95.4 (Percentage)

Experience

E-Cell

Jan 2022 - Present

Tech Member

New Delhi

- Led the successful **revamp of the E-cell Website**, implementing design enhancements and optimizing user experience.
- Actively engage in **regular meeting and brainstorm** on various exciting topics leading to mental growth.
- Play an active role in **internal hackathons**, collaborating with teams to develop innovative solutions and projects.
- Successfully engage with **sponsors, establishing meaningful partnerships** to organize impactful events.

Summer Training at IBM

May 2019 – August 2019

Artificial Intelligence

New Delhi

- Worked with Pandas, NumPy, and Matplotlib for **data manipulation and visualization**, enabling effective analysis.
- Acquired expertise in various ML algorithms and learnt how to solve complex problems and extract valuable patterns.
- Developed an **interactive chatbot**, empowering users to obtain directions within the college campus seamlessly..
- Implemented a **Cab Fare Predictor**, providing accurate fare estimates and optimizing travel decisions.

Projects

Portfolio | *ReactJS, ECMAScript*

Feb 2023

- Presenting my expertise, **technical projects, and experiences** in a visually appealing personal portfolio.
- Integrated **screenshots** showcasing the responsive design of my projects across various screen sizes using media queries.
- Highly responsive, supports all device without degrading UX in smaller devices.

Muse | *ReactJS, Firebase, JavaScript*

Dec 2022

- A music streaming app where user can easily **search and play** their favorite songs, artists, or albums.
- Designed on Figma from scratch, implemented using **ReactJS & Firebase**. Added seamless **login and authentication** through Google, ensuring a secure and convenient user experience on Muse.
- Users can create a '**chorus**' where they can share playlists with friends and **listen to the songs real time** with them.

Fare - O - Cab | *JavaScript, Flask, Bing API, Scikit*

Sep 2022

- An ML based app that could predict and compare the **approx cab fare** of your ride. Displays traffic, travelling time, distance, toll, shortest route to the destination with step wise guidance.
- Used **regression algorithm** to calculate the approx fare of the cab designed the frontend of the website using **Figma**.
- No need of verifying cab prices at different platforms as it provides prices with **85 accuracy**.

Technical Skills

Languages & Frameworks: ReactJS, C++, Python, Java, HTML, CSS, JavaScript

Libraries and Utils: Redux, Bootstrap, Mui, Firebase, Firestore, Git & Github, numpy, pandas, scikit, NLP, Figma

Developer Tools: VS Code, Github, ChatGPT, Codeblocks, Linux, GitHub

Achievements

- **Ranked 1st** in the competitive CSE Department's 5th semester, maintaining an overall 2nd rank across all semesters.
- Participated & got shortlisted in Smart India Hackathon, KU HackFest, Technorax including **2nd position** in Web War.
- Solved 350+ questions on various platforms including LeetCode and GeeksforGeeks.
- 3rd prize in Sanskrit Arya Vidya Sabha **national-level** exam and 3rd position in **district-level GK quiz**.