

# AKSHAT JOSHI

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Github : <https://github.com/Ackjosh>, Portfolio : <https://akshatjoshi.vercel.app>

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## SUMMARY

Full-stack Developer skilled in React, Node.js and MongoDB, with strong problem solving skills from competitive programming. Experienced with Git based workflows and enthusiastic about Generative AI, with hands-on exposure to RAG pipelines and Vector databases. Seeking opportunities to grow while building impactful software solutions.

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## PROJECTS

### RFAS - Web + App Development

Github link : <https://github.com/Ackjosh/RFAS>

- Architected a Realtime Fuel Availability System (RFAS) using Firebase and Firestore to securely sync live fuel and location data between a station web portal and a consumer mobile app.
- Implemented a core mapping feature by capturing precise station coordinates via the web portal. This data was then processed in the mobile app using the OpenStreetMap (OSM) API, providing users with a dynamic and accurate map of all nearby fuel station locations.
- Built a user-centric mobile app displaying live fuel levels on an OSM-powered map, and implemented a "favorites" feature to create a personalized and efficient user experience.

### Flick-Nest - Web Development

Github link : [https://github.com/Ackjosh/Flick\\_Nest](https://github.com/Ackjosh/Flick_Nest)

- Developed a full-stack media management application featuring robust user authentication, enabling users to seamlessly browse, favorite, and manage watchlists for over 500,000 movies & TV shows via the TMDB API.
  - Engineered a custom API request throttling and retry mechanism on the Node.js backend to mitigate TMDB rate-limiting errors, ensuring reliable data fetching for personalized user list.
  - Designed and implemented a scalable MongoDB schema for efficient user data storage and retrieval, supporting dynamic user profiles and future feature expansion.
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## EDUCATION

### Pune Institute of Computer Technology

Aug 2023 - Now

B.E in Computer Engineering

- First Year CGPA : 9.68
- Second Year : 9.23

### The Lexicon School Hadapsar, Hadapsar-Pune

2013 - 2021

CBSE Board — Secondary School Certificate (Class 10)

- Percentage - 92.2% (2021)
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## SKILLS AND ACHIEVEMENTS

- **Technical Skills:** JavaScript, React, Tailwind CSS, Node, Express, MongoDB, SQL, Python, C++, Data Structures and Algorithms
- **Languages:** English, Hindi, Marathi
- **Awards/Activities:** Solved 300+ LeetCode problems, enhancing algorithmic proficiency and data structure knowledge, Qualified JEE Advanced 2023 with AIR 19,771 among the top 1.3% nationally, 2 star on CodeChef (max. 1559)