

Akshat Joshi

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

Summary

Full-stack Developer with expertise in React, Node.js, and MongoDB. Strong problem-solving background from competitive programming (1589 CodeChef rating, 350+ LeetCode problems). Hands-on experience with RAG pipelines and Vector databases, seeking software development opportunities.

Education

Pune Institute of Computer Technology

Aug 2023 - Now

B.E in Computer Engineering

- First Year CGPA : 9.68, Second Year CGPA : 9.23

Projects

RFAS - Web Development

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

- Developed a React-based web portal for fuel stations to manage real-time inventory and location data, architecting Firebase/Firestore backend to sync updates with a Flutter mobile app built by a teammate, reducing manual coordination by 70%
- Implemented coordinate capture, data validation, and real-time push notifications on the backend, enabling dynamic station mapping and favorites functionality across 50+ locations with 99.5% uptime

Flick-Nest - Web Development

Github link : https://github.com/Ackjosh/Flick_Nest

- Built a full-stack movie/TV watchlist app handling 500,000+ titles via TMDB API integration, implementing Firebase authentication and MongoDB storage for scalable user profile management across 100+ test users
- Engineered custom API throttling and retry logic on Node.js backend, reducing rate-limit errors by 85% and improving data fetch reliability by 40% for personalized watchlists

Technical skills

- Languages: C++, Python, JavaScript, HTML/CSS
- Frontend: React, GSAP
- Backend: Node.js, Express.js, REST APIs
- Database: MongoDB, Firebase/Firestore, Vector Databases, MySQL
- Tools & Technologies: Git, GitHub, RAG Pipelines, Postman

Achievements

- Selected in PICT Internal Hackathon for Smart India Hackathon 2025 among 100+ participating teams
- 2 star on CodeChef (max. 1589)
- Solved 350+ LeetCode problems, enhancing algorithmic proficiency and data structures knowledge
- Qualified JEE Advanced 2023 with AIR 19,771 among the top 1.3% nationally
- Innovation Finalist at MKSSS's Cummins COE Pune