

# Raj Kumar Sah

Lucknow, Uttarpradesh

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[github.com/kesharwaniyanshi](https://github.com/kesharwaniyanshi)



[leetcode.com/u/yanshi\\_yk](https://leetcode.com/u/yanshi_yk)

## EDUCATION

### Ambalika Institute of Management and Technology

Bachelor of Technology in Computer Science and Engineering (CGPA of 8.0)

### H.D. Jain College Ara, Bihar

Higher Secondary (72.2%)

August 2023 - June 2027

Lucknow, Uttarpradesh

July 2021 - July 2023

Ara, Bihar

## TECHNICAL SKILLS

Languages: C/C++, Java, Python, JavaScript

Technologies: HTML5, CSS, Bootstrap, ReactJS, NodeJS, ExpressJS, REST API, MongoDB, MySQL, NextJS, SpringBoot Git, Github

Skills: Data Structures, Algorithms, API Integration, Full-Stack Web Development

Tools: VS Code, Eclipse Postman, Figma, Canva, draw.io

Operating Systems: Windows, Unix/Linux

Coursework: Object-Oriented Programming, Machine Learning, Artificial Intelligence, Cloud Computing, Engineering Mathematics, Software Engineering, Computer Networks, Database Management System, Operating Systems

Areas of Interest: Web Development, Competitive Programming, Open Source Contributions

## PROJECTS

### FusionCart : Web Application Connecting Online and In-Store Shopping

September 2024 - November 2024

- Engineered a full-stack e-commerce platform handling 800 products across 16 categories using React.js, Redux, Node.js, Express.js, MongoDB, optimizing UX and performance through efficient database queries and state management.
- Implemented features like product search, real-time product details, stock updates, and recommendation logic, used web scraping scripts to extract 800 images for an enhanced product catalog.
- Integrated Machine Learning model for enhanced product recommendations and personalized user experience.

### GetAWay : Full-Stack Hotel Booking Web Application

April 2024 - June 2024

- Built a full-stack app using MongoDB, Express.js, React.js, Node.js, implementing JWT-based authentication and an admin panel to manage 50 users.
- Developed database driven features like hotel listings, managing collection of 10 hotels and a user feedback system to enhance engagement.
- Created a responsive UI ensuring 100% cross-device compatibility and seamless integration.

## ACHIEVEMENTS

- Winner of the Smart India Hackathon 2024, selected as a finalist from 100+ teams. Worked in a team to develop a software solution, contributing to development, task planning, and integration.
- Contributed to open-source projects during OSCI 2025 with 5 successfully merged pull requests.
- Solved over 500+ DSA questions on platforms including LeetCode (Highest Rating: 1667).
- Actively participated in the Google Agentic AI Hackathon, exploring agent-based AI solutions and receiving official certification
- Qualified for the Implementation Phase of the Prototype, in Galgotias International Hackathon 2025, selected among 3000 participants and placed in the top 1200 teams.

## EXPERIENCE

### AI Foundations Certification & Cloud AI Experience Oracle

March 2023 – Present

Pune, Maharashtra

- Completed comprehensive training on AI fundamentals, machine learning concepts, and cloud-based AI services offered by Oracle.
- Gained hands-on experience with Oracle Cloud Infrastructure (OCI) AI services, including setting up and deploying AI models. Learned to integrate AI solutions into applications using Oracle's AI tools and APIs.
- Explored real-world use cases of AI in various industries through practical projects and assignments. Developed a solid understanding of ethical considerations and best practices in AI development and deployment.

