

Raj Kumar Sah

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🐙 github.com/kesharwaniyanshi 🏠 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.

