

# Aaryan Yadav

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[LinkedIn](#) • [Github](#) • [HackerRank](#) • [Codeforces](#) • [Leetcode](#) • [Personal Portfolio](#)



## PROFESSIONAL SUMMARY

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AI-focused Full Stack Developer building production-grade web apps and GenAI systems with React, Node.js, Express, MongoDB, FastAPI, LangChain, and RAG pipelines. Strong algorithmic foundation with 120+ LeetCode problems, a Codeforces peak of 1009, and Hacktoberfest '25 contributions. Passionate about shipping scalable APIs, LLM-powered agents, and responsive UIs across AI, backend, and frontend stacks.

## EDUCATION

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| <b>Bachelor of Technology</b> (Artificial intelligence)<br>Newton School Of Technology, Rishihood university | 2024 - 2028<br>Grade: 7.952/10.0 |
| <b>Intermediate (Class XII)</b><br>Cecil convent school  | 2024 - 2024<br>Grade: 83.2%      |
| <b>Matriculation (Class X)</b><br>Cecil convent school   | 2021 - 2022<br>Grade: 89.8%      |

## PROJECTS

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**Smart Travel Optimizer - Loyalty Points** ( [Github](#) ) ( [Demo](#) ) April 2026

- Built a full-stack web platform with React, Express.js, MongoDB, FastAPI, and Tailwind CSS to optimize loyalty point redemptions for flights and hotels using RAG.
- Designed Express.js REST APIs with JWT-based authentication, secured user sessions and protected endpoints.
- Developed a responsive React frontend with dynamic routing, delivered a smooth UX across devices.
- Implemented MongoDB with optimized schemas, achieved fast CRUD operations on user and trip data.
- Integrated a FastAPI RAG service with Groq LLM to generate human-readable redemption strategies.

**TaskForge — A Lightweight Jira Alternative for Agile Teams** ( [Github](#) ) ( [Demo](#) ) March 2026

- Built a full-stack lightweight Jira alternative with React, Express.js, MongoDB, and Tailwind CSS to help teams plan sprints, track issues, and manage tasks without enterprise bloat.
- Designed Express.js REST APIs with JWT-based authentication, secured user sessions and protected task endpoints.
- Developed a responsive React frontend with dynamic routing, delivered a smooth UX for task creation, editing, and filtering.
- Implemented MongoDB with optimized schemas, achieved fast CRUD operations on tasks and user data.
- Added task categorization, priority tagging, and due-date reminders to improve team productivity and workflow.

## CERTIFICATIONS

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| <b>Software Engineer Intern</b> HackerRank ( <a href="#">Link</a> )<br>DSA,SQL | December 2025 |
| <b>Python(Basic)</b> HackerRank ( <a href="#">Link</a> )<br>Python             | December 2025 |

## SKILLS

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**Computer Languages:** Python, TypeScript, HTML, JavaScript, SQL

**Data Tools:** PostgreSQL, NumPy

**Software Packages:** Pandas, Next JS, React Native, Tailwind CSS, React, Node.js, Express JS, MySQL, MongoDB

**Others:** AWS, Git and Github, Docker, Product Management, LangChain, GenAI, LangGraph

## EXTRA-CURRICULAR ACTIVITIES

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- Secretary of Google Developer Group on campus Rishihood University.
- Participated in hackathons and university-level tech competitions.
- Conducted peer workshops on React and Python.