

Rishiraj Mukherjee

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Information Technology Undergraduate

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EDUCATION

- **Indian Institute of Information Technology, Lucknow**

B.Tech in Information Technology - CGPA: 9.16/10

courses: OOPS, WEBD, DSA, DAA

August 2023 - August 2027

- **Jagat Taran Golden Jubilee School, Prayagraj**

Intermediate - Percentage: 89.8%

CBSE - Science Stream with Physical Education

March 2010 - March 2022

EXPERIENCE

- **OWASP [🔗](#) | React, GraphQL, TypeScript**

Open-Source Contributor

- Revamped event search functionality by replacing Algolia with GraphQL, ensuring real-time data retrieval; reduced average search response time and facilitated smoother user filtering optimizing search logic.
- Implemented distinct filtering on GraphQL endpoints, reducing duplicate issues and releases, and enhancing user experience across all project modules.
- Rectified inconsistent tooltip behavior across contributor cards, resolving 15+ critical UI/UX bugs; improved user satisfaction scores based on internal surveys, leading to positive user reviews.

PROJECTS

- **AffinityX [🔗](#) | NextJS, Gin, PostgresSQL, Socket.IO,**

September 2024 - Present

- **Overview:** Built AffinityX, an AI-powered dating platform for 50+ users with a Next.js frontend and Go/Node.js microservices for matching, chat, and user management.
- Implemented AI-driven matching and real-time messaging, integrating Google Gemini, WebSockets, and PostgreSQL, plus photo handling via Cloudinary.

- **StoreHUBX [🔗](#) | NextJS, Go, Fiber, MongoDB, TypeScript**

March 2024 - Present

- **Overview:** Built a collaborative platform enabling developers to publish, discover, and integrate reusable UI components with versioning, previews, and GitHub-based workflows.
- Designed a scalable backend in Go (Fiber) capable of handling concurrent build jobs and repository integrations, while supporting automated build pipelines via GitHub workflows and real-time component processing.

ACHIEVEMENTS

- Solved over **1000 algorithmic and data-structure problems** across multiple platforms.

CPfolio [🔗](#)

- Rated as **Specialist** on Codeforces **max rating: 1430**.

Codeforces [🔗](#)

- Achieved a **3-star** rating on CodeChef (**max rating: 1640**).

Codechef [🔗](#)

- Solved more than **500** questions in Leetcode with **max rating: 1827**

Leetcode [🔗](#)

- Secured **709th rank** globally out of 41,637 participants in Codeforces Round 998 (Div. 3).

Contest [🔗](#)

- Secured **248th rank** globally out of 2,000 competitive programmers in Codechef Starters 109.

Contest [🔗](#)

- Completed 4 PRs during **Hacktoberfest 2024**, maintaining and merging 10+ pull requests.

hacktoberfest [🔗](#)

SKILLS & OTHERS

- **Languages:** JavaScript, C, C++, Golang, TypeScript, SQL, Python

- **Frontend:** ReactJS, NextJS, Tailwind, VanillaJS

- **Backend:** Node.js, Express.js, Golang, Fiber

- **Database:** MongoDB, MySQL, PostgresSQL, Supabase

- **Cloud & DevOps:** Docker, Git, Linux, Kubernetes

- **Developer Tools:** VS Code, Postman, Github

- **Soft Skills:** Teamwork, Communication, Initiative, Leadership

- **Courses:** Object Oriented Programming, Software Engineering, Web Development, Operating System, Artificial Intelligence, Database Management System

POSITIONS OF RESPONSIBILITY

- **Member - Google Developer Group Web Development Wing, IIIT Lucknow |**

Aug 2024 - Present

- Directed the logistics of 4 high-impact web wing events, featuring immersive tutorial sessions and thrilling trails; garnered participation from 200+ members, resulting in increased visibility for ongoing initiatives.

- **Member - Crotonia, Literary Society of IIIT Lucknow |**

July 2024 - Present

- Executed debating contests and events like OpenMic and BlindDate, engaging 100+ participants.