

Rishiraj Mukherjee

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Information Technology Undergraduate

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EDUCATION

- Indian Institute of Information Technology, Lucknow** courses: OOPS, WEBD, DSA, DAA
B.Tech in Information Technology - CGPA: 9.16/10 *August 2023 - August 2027*
- Jagat Taran Golden Jubilee School, Prayagraj** CBSE - Science Stream with Physical Education
Intermediate - Percentage:89.8% *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, PostgreSQL, 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, PostgreSQL, 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.