

# RISHI PAUL

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## EDUCATION

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### RCC Institute of Information Technology (MAKAUT)

*B.Tech. in Computer Science and Engineering*

Kolkata, WB

Aug 2023 – June 2027

## EXPERIENCE

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### SDE Intern

Jul 2025 – Dec 2025

*Devrelsquad*

*Remote*

- Built RSVP prediction model (under patent review).
- Reduced event load time from **8s to 1s** via query-level index optimization (**87.5% improvement**)
- Increased landing page traffic by **200%** (5K → 10K monthly)

### ML/DS Intern

Apr 2025 – Jul 2025

*Centre of Excellence, WEBEL*

*Kolkata, WB*

- Designed and implemented an AI-driven adaptive training system to optimize learning for 7000+ BSK operators across 3561+ centers.
- Deployed multilingual LMS with AI coach, dynamic quizzes, and performance dashboards across pilot districts.

### Frontend Intern

Aug 2024 – Jan 2025

*LogicLens Pvt. Ltd.*

*Remote*

- Built a high-conversion landing page from scratch, generating 8000+ weekly views.
- Developed a dashboard for an AI-powered CCTV attendance system with employee logs, PDF export, and full backend integration.

## PROJECTS

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**BrainBoost - Smart Educational Platform:** BrainBoost is an AI-driven intelligent platform featuring subject specific tutors, interactive 3D labs, Mock Question Practice, Roadmap generator, Mental Health Wellness Centre etc. Tech Stack: NextJS 14, TailwindCSS, Firebase, Gemini, Firestore

[GitHub], [Live]

**Paws - Animal Rescue Platform:** Paws is a web app that allows users to seamlessly report injured stray animals to nearby NGOs and animal hospitals. Two AI models were trained on custom dataset: one for detecting the type of animal and another for the type of physical injury.

Tech Stack: ReactJS, Django, PostgreSQL, TailwindCSS, Azure, MaterialUI, Firebase, Azure Compute

[GitHub], [Live]

## SKILLS SUMMARY

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**Languages:** JavaScript, TypeScript, HTML5, CSS3, C, C++, Python, Java

**Frameworks:** React.js, Next.js 14, Express.js, Node.js, TailwindCSS, Bootstrap, Material UI, Expo, React Native

**Tools:** VS Code, Git, GitHub, Firebase, Supabase, Appwrite

**Databases:** MongoDB, PostgreSQL

## HONORS / AWARDS / ACHIEVEMENTS

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- Smart India Hackathon 2025 Grand Finalist.
- ACM UG Project Contest in Computing East India Winner.
- Quira Quest 2nd Runner-up
- Binary KGEC 2nd Runner Up
- Smart Bengal Hackathon Finalist: Team Leader of one of the **Top 30** teams out of **500+** participants.
- Microsoft Learn Student Ambassador (Beta): Conducted multiple technical events with 200+ attendees.
- GirlsScript Summer of Code (GSSOC) Project Admin: Maintained a mid-size open-source project and collaborated with contributors using Git and Slack.