

RISHI PAUL

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EDUCATION

RCC Institute of Information Technology (MAKAUT)

B.Tech in Computer Science and Engineering

Kolkata, WB

Aug 2023 – Aug 2027

SKILLS

Languages: JavaScript, TypeScript, Python, C, C++, Java, SQL

Frameworks: React.js, Next.js, Node.js, Express.js, NestJS, TailwindCSS, Three.js, TensorFlow, OpenCV

Databases: MongoDB, PostgreSQL, Firebase

Cloud & Tools: AWS, Azure, GCP, Docker, Git, GitHub, Cloudinary, Razorpay, Shiprocket, Supabase, Appwrite

Core CS: DSA, OOP, DBMS, Operating Systems, Computer Networks, REST APIs, System Design

AI / ML: Computer Vision, Deep Learning, RAG, NLP, LangChain, DeepFace, Azure AI, Gemini API

EXPERIENCE

DevrelSquad

SDE Intern

Remote

Aug 2025 – June 2026

- Built ML-based RSVP prediction system for event capacity forecasting and user engagement modeling.
- Implemented Google OAuth, onboarding flows, social sharing toolkit, account deletion, and user journey improvements.
- Optimized database indexing and queries, reducing event page load time from 8s to 1s (87.5% improvement).
- Delivered production features across frontend and backend improving platform reliability and retention.

WEBEL Centre of Excellence (Govt. of West Bengal)

Machine Learning & Data Science Intern

Kolkata, WB

Apr 2025 – Jul 2025

- Built AI-based adaptive learning system for 7000+ government operators across 3500+ centers.
- Developed multilingual training pipeline with AI tutoring, dynamic assessments, and analytics dashboards.
- Designed performance tracking system for personalized learning path optimization.

LogicLens

Frontend Intern

Remote

Aug 2024 – Jan 2025

- Developed high-performance landing page generating 8000+ weekly visits.
- Built dashboard for AI-powered CCTV attendance system with employee tracking and PDF export.

PROJECTS

GitPulse (MCP Automation System) | Next.js, Appwrite, GitHub API, Gemini, MCP

- Built MCP-powered GitHub automation system that converts developer discussions into structured GitHub issues.
- Integrated GitHub APIs to generate issues with titles, descriptions, labels, and assignees automatically.
- Implemented repository-aware context engine for codebase-specific AI task generation.

Elantika (Premium Ecommerce Platform) | Next.js, Three.js, MongoDB, Express.js, Razorpay, Shiprocket

- Built full-stack e-commerce platform with real-time 3D product customization using Three.js.
- Integrated Razorpay payments and Shiprocket logistics for end-to-end order processing.
- Designed scalable REST APIs and database architecture for products, orders, and inventory.

Aarya (Women Safety AI System) | Python, TensorFlow, OpenCV, MediaPipe, DeepFace

- Developed real-time computer vision system for safety monitoring using CCTV and mobile feeds.
- Implemented detection models for SOS gestures, crowd behavior, and anomaly detection.
- Built multi-model inference pipeline optimized for real-time video processing.

ACHIEVEMENTS

- Smart India Hackathon 2025 Grand Finalist – Selected among the top 1% from 140,000+ participating teams.
- Winner, ACM Kolkata UG Project Contest – Built BrainBoost; recognized for strong system design and applied AI implementation. Granted copyright by the Government of India
- Winner(Axicov Track), Hackspire 2025 – Secured track winner position for building a full-stack AI-driven product under competitive constraints.
- 2nd Runner-Up, Binary'25 Hackathon (KGEC) – Ranked among top teams in competitive problem-solving and system-building challenge.
- Finalist, Smart Bengal Hackathon 2024 – Led team to Top 30 among 500+ teams; built AARYA, a real-time AI safety monitoring system.
- Google Developer Group on Campus RCCIIT – Lead Organizer; conducted 10+ technical events with 3000+ total participants across multiple institutions in West Bengal.