

EDUCATION

RCC Institute of Information Technology (MAKAUT) <i>B.Tech in Computer Science and Engineering</i>	Kolkata, WB <i>Aug 2023 – Jun 2027</i>
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EXPERIENCE

Mercari Inc <i>SWE Intern Homepage No. 1 C2C Marketplace in Japan 24M+ MAU</i>	Tokyo, Japan <i>Aug 2026 – Oct 2026</i>
- Shipped features and improvements across Item Auth, Item Details, Checkout, Storefront, and SERP, driving a 5.2% relative conversion lift and 4,100+ additional transactions per day. - Built discovery experiences for the TCG product category, representing a significant share of cross-border GMV. - Improved accessibility and reliability across Item Authentication and Merpay-owned components by shipping VoiceOver and keyboard-navigation support, alongside production bug fixes and analytics improvements. - Expanded critical-flow test coverage with Playwright E2E automation.	
DevRelSquad <i>SDE Intern Homepage B2B SaaS DevRel Automation</i>	Remote <i>Aug 2025 – Jun 2026</i>
- 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 <i>ML & Data Science Intern Homepage Govt. of West Bengal Statewide IT/Electronics</i>	Kolkata, WB <i>Apr 2025 – Jul 2025</i>
- 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 <i>Frontend Intern Homepage B2B AI Video Analytics</i>	Remote <i>Aug 2024 – Jan 2025</i>
- 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

| *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

| *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

| *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.

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

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.	
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