Rupankar Das

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github.com/r1mo9

Education

Regent Education and Research Foundation, B.Tech in Computer Science — Jul 2022 – Jun 2026

- **CGPA:** 7.34
- **Coursework:** Computer Architecture, Computer Network, DBMS, OOPS, Data Structures and Algorithms, Operating System

Experience

Intern Software Engineer, NexIntel Pvt. Ltd. – Saltlake, Kolkata — Jan 2025 – Present

- **Citizen-focused Web Application**: Designed and deployed a government portal enabling services such as document submission, application tracking, and grievance redressal to improve user accessibility and efficiency.
- **Secure API development**: Implemented and integrated secure RESTful APIs with robust authentication (e.g., JWT, OAuth) and authorization mechanisms to ensure data integrity and protection of sensitive citizen information.
- **Scalable database management:** Designed SQL schemas and optimized queries to handle large datasets, ensuring scalability and availability during high-traffic periods, particularly for critical government operations.
- **Technologies Used**: TypeScript | Next.js | SQL | Express.js | Tailwind CSS | RESTful APIs

Projects

GeoTrackr github/r1mo9/geotrackr

- **Cross-Platform:** Built with Flutter (mobile) and React + TypeScript (web) for seamless user experience.
- **Location-Based Attendance:** GPS verifies user presence before allowing attendance.
- **QR Code Integration:** Quick attendance marking via QR code scanning.
- **Secure JWT Authentication:** Ensures user data protection and secure sessions.
- **Real-Time Monitoring:** Live attendance tracking for administrators. MongoDB: Scalable database for efficient data management.
- **Cloudinary:** Secure image storage for user profile
- **Technologies:** React | Flutter | TypeScript | Express | MongoDB | Tailwind CSS

MindCare github/r1mo9/mindcare

- **AI and machine learning:** Leveraged NLP and machine learning for tailored mental health assistance through an AI chatbot.
- **Privacy and security:** Implemented secure user authentication and encrypted data storage to ensure confidentiality.
- **Collaborative Feature Development:** Worked with a team to launch mood tracking, chatbot assistance, and mental health resources to boost user engagement.
- **Technologies:** React | JavaScript | Express | MongoDB | Tailwind CSS

Technical Skills

Languages: Java, JavaScript, TypeScript, SQL, C++, C, Python
Frontend Frameworks & Libraries: React, Next.js, HTML, CSS, Tailwind CSS, Bootstrap
Backend Frameworks & Libraries: Node.js, Express, Prisma
Databases & Cloud: MySQL, MongoDB, Supabase
API & Architecture: REST API, Swagger, Microservices, Clean Architecture
Tools: Git, GitHub, GitHub Actions, JWT, Postman, VS Code

Certificates and achievements

- **MERN Stack Web Development** | **Data Structures and Algorithm**
- Solved 300+ DSA on Leetcode | SIH 2024 College runner-up