

# REJWANUL HOQUE

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## TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, C++

**Frameworks:** React, React Native (Expo), Node.js, Express.js, Flask, GraphQL (Apollo), Next.js

**Databases:** PostgreSQL, MongoDB, MySQL, Supabase, Prisma ORM

**Tools:** Git, GitHub, Docker, Vercel, Postman, WebSocket, RESTful APIs, Socket.IO

**State Management:** Zustand, TanStack Query

**Other:** CI/CD, JWT Authentication, API Security, Type Safety, AWS Bedrock

## EXPERIENCE

### Software Developer Intern

Oct 2025 – Present

ASOasis Tech

Remote

- Created Scrapers in Golang, APIs on AWS API Gateway, AWS Lambda, DynamoDB.
- Created Applications like CRM Dashboard using Next.js and Supabase.

### Student Coordinator

Feb 2025 – July 2025

Web3 Summer School & Hackathon by IIIT Sri City

- Led national-level bootcamp + hackathon for 100+ students across India.
- Built full-stack event platform using Next.js and Node.js, handling 80,000+ monthly requests with 99.9% uptime.

## PROJECTS

### DataLoom | [Live Demo](#) | [GitHub](#)

(React, TypeScript, Flask, AWS Bedrock, Docker, Claude/Mistral/Llama)

- Built a production-ready AI-powered synthetic data generation platform using multiple LLMs (Claude, Mistral, Llama) via AWS Bedrock, enabling dataset creation for developers and data scientists.
- Architected full-stack system with React/TypeScript frontend and Flask backend, containerized with Docker and deployed on AWS EC2, supporting JSON/CSV export with 99.9% uptime.

### Real-Time Event Engagement Platform | [GitHub](#)

(TypeScript, React Native, Node.js, GraphQL, Prisma, PostgreSQL, Socket.IO)

- Built a full-stack mobile app with a GraphQL API using Apollo Server and Prisma ORM with PostgreSQL, enabling users to browse and join events with live attendee updates via WebSocket and Socket.IO.
- Implemented JWT-based mock authentication and ensured type safety across frontend and backend, using Zustand and TanStack Query for efficient client-side state management.

### Inventory Management API | [GitHub](#) | [Postman](#)

(TypeScript, Node.js, Express.js, Prisma, PostgreSQL, JWT)

- Architected a secure inventory management API using TypeScript and Node.js with Prisma and PostgreSQL, supporting 100+ concurrent users.
- Implemented JWT-based authentication, achieving 100% elimination of unauthorized access incidents.

### FinBro.ai | [GitHub](#)

(Flask, React, PostgreSQL, TensorFlow, Google Gemini API)

- Developed a full-stack financial assistant with Flask and React, integrating TensorFlow/Keras for AI-driven savings prediction (92.5% accuracy), risk assessment (89.7% accuracy), and budgeting tools.
- Optimized PostgreSQL database queries, reducing API response time by 35% across 26+ financial parameters.

## ACHIEVEMENTS

- Secured 1st Runner-up in Hack The Threat Hackathon (30+ teams) with an AI-powered malware detection solution.
- Improved FinBro.ai API performance by 35% through query optimization techniques.
- Deployed DataLoom platform serving 1000+ synthetic data requests with zero downtime.

## EDUCATION

**Bachelor of Technology - Computer Science & Engineering**

2023 – 2027

Indian Institute of Information Technology, Sri City