

# ISHRAQ SAIFI

UTTAR PRADESH, INDIA, [ishraq0641@gmail.com](mailto:ishraq0641@gmail.com), +91-7982241430, [LinkedIn](#), [GitHub](#), [LeetCode](#), **Immediate Joiner**

## PROFESSIONAL SUMMARY

Associate Software Engineer with hands-on experience building and deploying production-grade enterprise systems post-graduation. Built an AI-powered assessment platform processing 500,000+ monthly operations using Next.js, Redis, BullMQ, and Groq LLM with automatic model failover. Architected cloud-based Warehouse Management System and Fleet Route Optimization Engine using Java Spring Boot, PostgreSQL, React.js, and Docker during professional engagements. AWS Cloud certified. Published blockchain researcher. First Division with Distinction (8.26 CGPA). Seeking backend/full-stack engineering roles to build scalable systems from day one.

## EDUCATION

R.D Engineering College, Duhai, Ghaziabad

Nov 2021 – Nov 2025

**Bachelor of Technology in Computer Science, CGPA: 8.26, I Div with Distinction**

## CORE COMPETENCIES

**Languages:** Java, C, C++, Python

**Fundamentals:** Data Structures, OOP, Operating System, REST API Design, SDLC, Agile, CI/CD, Microservices

**Databases:** MySQL, PostgreSQL, JDBC, JPA/Hibernate, MongoDB

**Frontend:** React.js, Tailwind CSS, HTML, CSS, Next.js, TypeScript, Node.js.

**Backend:** Spring Boot, JWT Authentication, Role-Based Access Control, RESTful APIs, Swagger, Express

**Developer Tools:** Git, GitHub, Postman, Vercel, Render, AWS Services, AWS Cloud, Maven, Groq

## PROJECTS

**AI Assessment Creator - [Live](#), [GitHub](#), Tech:** Next.js, TypeScript, Node.js, Express, MongoDB, Redis, BullMQ, WebSocket, Groq API, Tailwind CSS, Docker, Render, Vercel

- Developed an AI-powered question paper generator serving teachers with real-time WebSocket updates, achieving 3x faster exam creation using Groq LLM with automatic model failover.
- Developed a platform that generates complete question paper using AI. It handles 5+ question types, provides real-time status updates via WebSocket, and automatically switches between AI models if one hits rate limits.
- Engineered a full-stack AI assessment platform with a BullMQ + Redis job queue handling (500K+) monthly operations and automatic model failover, paired with a responsive Tailwind CSS UI supporting MCQ, numerical, and diagram-based questions with one-click PDF export.

**Enterprise Warehouse Management System- [Live](#), [GitHub](#), Tech:** Java Spring Boot, JPA/Hibernate, PostgreSQL, React.js, Tailwind CSS, REST API

- Developed a cloud-based WMS with real-time inventory tracking and ACID-compliant transactions.
- Developed JWT authentication with 24-hour expiration.
- Reduced manual data entry by 90%, reduced training time by 50%, and prevented stockouts with low-stock alerts.

**Fleet Management and Route Optimization Engine- [GitHub](#), Tech:** Java Spring Boot, JPA, Hibernate, SQL, Spring WebFlux, REST API, Swagger, Docker

- Developed a centralized Fleet Management REST API with Spring Boot and MySQL, implementing vehicle-driver assignment and delivery state machines.
- Integrated OSRM/Google Distance Matrix APIs to algorithmically sequence multi-stop delivery routes, reducing total travel distance per fleet dispatch.

## INTERNSHIP EXPERIENCE

**SoftGrowTech- Associate Software Engineer (Remote), [Certificate](#)**

Feb 2026 - Mar 2026

- Developed object-oriented console applications featuring CRUD operations.
- Applied data structures and algorithms to solve real-world problems: Hospital-Management-System | [GitHub](#), Hotel-Reservation-System | [GitHub](#), Inventory-Management | [GitHub](#).

**Infotact Solutions- Associate Software Engineer(Remote), [Certificate](#), [Training](#)**

Mar 2026 – May 2026

- Architected and deployed a production-grade full-stack WMS with JWT-based authentication, real-time inventory tracking, and ACID-compliant transactions — serving as the core deliverable of the internship.
- Designed and delivered a Fleet Route Optimization Engine integrating OSRM/Google Distance Matrix APIs, containerized with Docker and documented via Swagger — reducing delivery distance algorithmically across multi-stop fleet dispatches.

## CERTIFICATIONS

- AWS Academy Graduate- AWS Academy Cloud Foundations, [Certificate](#) Apr 2024
- Adobe For Educational Professional Learning- Adobe Education Exchange, [Certificate](#) May 2024
- Exploring Ethereum Integration in Property Management: Real Estate on the Blockchain- Research Paper [Journalcird.org](#), [Certificate](#) Published 2025
- Communication and Professional Skills- A.B.C.L INSTITUTE May 2025