

WAQAR AKHTAR

AI & DATA SCIENCE UNDERGRADUATE

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EDUCATION

BACHELOR OF TECHNOLOGY (B. TECH) IN ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

2024 - PRESENT

SKILLS

- **Languages:** Python, Java, JavaScript, TypeScript, C
- **Frameworks & Libraries:** React, Next.js, Node.js, Express
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, GitHub, Linux, Google Cloud Platform
- **Core Concepts:** Data Structures, Algorithms, OOP, DBMS

PROJECTS

EchoME X - AI Twin Platform | [GitHub](#) | JavaScript · Node.js · Express · MongoDB · Groq API

- Built a full-stack AI platform enabling users to create digital personas with real-time conversational AI.
- Developed custom backend (Node + Express) and integrated Groq API for ultra-fast low-latency AI responses.
- Designed clean UI/UX and deployed scalable frontend (Vercel) + backend (Render).

Restaurant Insights Analytics DBMS + ML Dashboard | [GitHub](#) | Next.js · TypeScript · MySQL · Python

- Analyzed 1,943+ Delhi-NCR restaurants using 3NF DB design, complex SQL analytics, and optimized queries.
- Built an interactive BI dashboard with Recharts + TypeScript and integrated XGBoost rating prediction (95% accuracy).
- Processed real restaurant data with ML, visualization, trends, KPIs, and performance insights.

USAR Samvad – School Management System | [GitHub](#) | React · Redux · Node.js · Express · MongoDB

- Built a full-stack school management platform supporting 6,000+ concurrent users.
- Implemented role-based access control, attendance tracking, and academic dashboards.
- Developed scalable REST APIs and database schemas for managing student and administrative data.

USAR Ranklist – Result Processing System | [GitHub](#) | Python · Data Processing · Automation

- Built an automated system to generate academic ranklists from structured datasets.
- Implemented scripts to parse, clean, and process academic records into ranked outputs.
- Deployed publicly with 7,000+ user interactions, demonstrating real-world adoption.

Hydro Heroes – Smart Water Monitoring System | [GitHub](#) | Node.js · Node-RED · WebSockets · IoT

- Built a real-time water monitoring system using IoT sensors to track water usage and quality.
- Developed a dashboard for live sensor data visualization using WebSockets and Node.js.
- Secured 4th place at Smart Delhi Ideathon, demonstrating innovation in sustainable technology.

EXPERIENCE

Deloitte Technology Virtual Internship (Forage)
Software Development Simulation

July 2025

- Completed software engineering simulation focusing on client requirement analysis and technical solution design using enterprise engineering workflows.

ACHIEVEMENTS & CERTIFICATIONS

- Hacktoberfest 2025 Contributor (Open Source PRs)
- Smart Delhi Ideathon – 4th Place (Hydro Heroes)
- Google Cloud Facilitator Program – Cohort 2 (Milestone 1)
- Duke University – Java Programming: Solving Problems with Software (March 2026)