

NASIM ISLAM

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Skills

- **Languages:** C++, Java, JavaScript, SQL.
- **Frameworks & Libraries:** React JS.
- **Version Control & Tools:** Git, Linux OS.
- **Data Structures and Algorithms:** Strong understanding of arrays, linked lists, stacks, queues, sorting and searching algorithms. Practiced on platforms like LeetCode, Code360 and hackerRank.

Education

- **MCA (pursuing) | CGPA: 8.50**
Kalyani Government Engineering College, India **2023 – 2025**
- **BCA | CGPA: 9.21**
Kington School Of Management and Science, India **2020 – 2023**

Internship

- **Jan 2023 - May 2023:** I have completed my industrial internship in Python with Django at Ardent Computech Pvt. Ltd.

Projects

Sarathi – The Real Time Driver Booking App(Group Project)

- **Objective:** Built a ride-request app enabling users to book professional drivers for their own vehicles—unlike typical ride-hailing platforms.
- **Technologies:** React Native, MongoDB, Express.js, Node.js, Socket.IO, Git
- **Key Contributions:**
 - Designed and developed a dual-role registration system (Driver/User) with secure authentication and document verification (license, Aadhaar, experience).
 - Implemented real-time driver booking and scheduling logic with live status updates.
 - Integrated **real-time chat** using **Socket.IO** to enable smooth communication between users and drivers.
 - Created a responsive and user-friendly mobile UI for seamless navigation, booking flow, and status tracking. Collaborated on backend API development for bookings, user management, and driver availability. Added login restrictions to prevent unauthorized access before verification.
- **Outcome:** Delivered a fully functional prototype that significantly improved user-driver interaction and optimized the driver hiring workflow.
- **GitHub:** [Sarathi-Frontend](#)

MyPharma – Pharmacy Inventory & Billing Management App

- **Objective:** Developed a pharmacy management system inspired by Marg ERP and Unisolve, tailored for small to mid-sized medical stores.
- **Technologies:** MongoDB, Express.js, React.js, Node.js (MERN), Git
- **Key Contributions:**
 - Implemented a medicine database with fields for name, batch, expiry, price, stock, and category.
 - Built auto-discount logic based on default and manual input systems.
 - Enabled automatic billing and GST invoice generation with real-time stock deduction.
 - Designed a professional UI for ease of use by pharmacists with print-ready A5 invoice format.
- **Outcome:** Delivered a lightweight, offline-capable solution that streamlined inventory control and improved billing speed and accuracy.
- **GitHub:** [MyPharam-frontend](#), [MyPharma-Backend](#)

Certificate & Achievements

- Full stack Web development from ExelR
- Foundation of cyber security from Coursera
- Python and Django from Ardent Computech Pvt.Ltd