

MUKUL KUMAR

Noida Sector 122 | mukulroy4042@gmail.com | 7970997207 | | www.linkedin.com/in/mukul-roy |

About Me

Motivated B.Tech student with strong engineering fundamentals, excellent analytical skills, and a quick learning ability. Passionate about embracing new technologies and eager to make a positive impact on innovative industry projects.

Eager to contribute to innovative projects and grow in the technology industry.

Key Skills

- Programming: Java, C++, C, Python, JavaScript, SQL.
- Web Development: HTML, CSS, Bootstrap, JavaScript, Responsive Design.
- Database: MySQL, Database Design, Query Optimization.
- Backend: Java (JDBC, Servlets, JSP), C++.
- Tools And Technologies: XAMPP, Apache server, Wireshark.
- Skills: Data Structures, Algorithms, SDLC, Problem-Solving.

Education

ITS Engineering College , Greater Noida B.Tech in Computer Science And Engineering (DS)	2023 - 2026, Pursing
Government Polytechnic Manpur, Bighapur, Unnao Diploma in Computer Science And Engineering	2020-2023
S.T.S.V International School 10th Standard	2020

Experience

Internships / Training

- Summer Training, [SoftPro India pvt.Ltd], [3 Month] Hands-on training in Java and Advanced Java (JDBC, Servlets, JSP), C programming for foundational concepts, and implementing MySQL databases for backend data storage. Projects deployed using Apache server environment via XAMPP. Received a reward for outstanding performance during the program.

Projects

NOU E-Gyan Portal	2025
<ul style="list-style-type: none">• Developed a secure educational web portal with login authentication and role-based access for students and faculty.• Engineered features for uploading, downloading, and managing study materials and assignments.• Technologies used: Java, HTML, CSS, JavaScript, MySQL, XAMPP.	
Automatic Railway Barricade System	2024
<ul style="list-style-type: none">• Developed an IoT-based automatic railway barricade system that detects approaching trains and activates warning signals and barrier operation for enhanced safety.• Automated the opening and closing of railway barriers using sensors and microcontrollers, minimizing human error and reducing accidents at level crossings. management.• Integrated real-time alerts and status updates via IoT platforms, enabling efficient monitoring and remote control of warning lights and barrier mechanisms.	

Library Management System

- Led the design and implementation using C++ for backend and MySQL for the database.
- Delivered a user-friendly frontend and enabled advanced booking, billing, and resource management.
- Technologies used: C++, HTML, CSS, JavaScript, MySQL, XAMPP.

Technologies

- **Language:** Java, C++, C, Python, SQL, JavaScript.
- **Technologies:** HTML, Bootstrap, XAMPP, Wireshark, NetBeans.

Achievements

- Rewarded for outstanding performance during summer training at SoftPro India Pvt. Ltd.
- Developed academic projects recognized for technical excellence.