

Sahil Nawaz

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Education

Lloyd Institute of Engineering and Technology	Greater Noida, India
<i>B.Tech in Computer Science and Engineering; CGPA: 7.6/10</i>	2022 – 2026
<ul style="list-style-type: none">• Relevant Coursework: Data Structures & Algorithms, Machine Learning, Web Technologies, Cybersecurity, Cloud Computing, OOPs, Database Management Systems	

Experience

E-Commerce Website Development	Freelance Project
<i>Developed a feature-rich e-commerce platform using Shopify for an Indian client.</i>	2024
<ul style="list-style-type: none">• Designed and created a fully functional e-commerce website using Shopify, incorporating Liquid for customization and seamless theme integration.• Implemented product listing, cart management, and secure payment gateway integration to enhance the shopping experience.• Optimized website performance and SEO, increasing organic traffic by 40% and enhancing user engagement.• Crafted a user-friendly e-commerce platform on Shopify that streamlined checkout processes, reducing cart abandonment rates by 25% and enhancing the customer experience for over 1,000 users during the launch month..• Integrated third-party apps and APIs for automated inventory tracking and real-time email notifications, enhancing operational efficiency by 30%.• Led UI/UX improvements, ensuring mobile responsiveness across 100% of devices tested.• Collaborated with a teammate to oversee design, Liquid code integration, and hosting, ensuring project completion within 4 weeks.• Provided post-launch support, resolving 80% of client-reported issues within the first month.	

Projects

Distraction-Free Browser Extension	2025
<ul style="list-style-type: none">• Created a browser extension that helps users stay focused by turning the screen red and non-usable for 20 seconds when a tab is switched, serving as a reminder to stay on task. The project was open-source on GitHub for public use.	
Carbon Footprint Calculator	2024
<ul style="list-style-type: none">• Developed a Python application that calculates carbon footprint based on daily lifestyle inputs.	
Lazy Foody	2024-2025
<ul style="list-style-type: none">• Architected a campus-focused food pre-order platform using the MERN stack, featuring user authentication and optimized order processing, reducing average wait time from 30 minutes to 15 minutes.	
Breast Cancer Classification	2024
<ul style="list-style-type: none">• Engineered a predictive model using Python and Streamlit to classify breast cancer cases, achieving 96% accuracy.	
Medical Distribution Project (Prakarti)	2022-2023
<ul style="list-style-type: none">• Contributed to solving medicine distribution challenges through Ayurvedic principles (doshas). Focused on privacy, UI development, and backend functionality.	
MentorConnect Project	2024
<ul style="list-style-type: none">• Integrated authentication and authorization for mentors and mentees, redirecting users to appropriate pages based on their roles.	
Car Racing Game (Unity Engine)	2025
<ul style="list-style-type: none">• Programmed a 3D car racing game using Unity and C#. implementing physics-based car controls and an engaging user interface.	
Portfolio Website	2022
<ul style="list-style-type: none">• Designed and launched a responsive portfolio website using HTML, CSS, and JavaScript to create an online presence.	

Skills

- **Programming Languages:** Java, C, and Python.
- **Web Technologies:** HTML, CSS, JavaScript, Manifest V3, React.js, Node.js, and MongoDB.
- **Frameworks & Tools:** Experience with full-stack development using the MERN stack, hands-on experience with Docker, AWS (EC2), and Git for version control. Familiar with Shopify, Wordpress tools.
- **Data Structures & Algorithms:** Experienced in implementing optimized algorithms for efficient problem resolution, with a focus on time and space complexity improvements.
- **UI/UX Design:** Designed and developed intuitive, user-friendly web interfaces, enhancing user engagement and accessibility.
- **Additional Knowledge:** Object-Oriented Programming (OOP's in Java), DBMS, Algorithm Analysis, Machine Learning, and Computer Architecture.
- **Soft Skills:** Innovative Thinking, Analytical Problem-Solving, Collaborative Teamwork, Effective Communication, Adaptability to New Technologies, Efficient Time Management.

Certifications & Achievements

- Certified in Java Programming, C# Corner.
- Winner of Bug Bounty Prize, MSIT.
- Qualified Flipkart Grid 5.0 Level 1.
- Top 5 Teams, MSIT Hackathon .
- Qualified Internal Hackathon for SIH 2023 and SIH 2024.

Extracurricular Activities

Cultural Club Lead	Lloyd Institute of Engineering and Technology
<i>Organized and managed cultural activities and events</i>	<i>2023 – 2025</i>
<ul style="list-style-type: none">• Led a team of 15+ members to successfully plan and execute 10+ cultural events, increasing student participation by 70%.• Managed logistics, budgeting, and promotions for large-scale college events, attracting 500+ attendees per event.• Enhanced teamwork and communication skills by coordinating with faculty, sponsors, and student committees, ensuring 95% event satisfaction based on feedback surveys.	
Member, Coding Club (Hex Clan)	Lloyd Institute of Engineering and Technology
<i>Organized technical events and coding competitions</i>	<i>2022 – 2024</i>
<ul style="list-style-type: none">• Organized and hosted 5+ coding competitions, engaging 200+ students.• Conducted workshops on competitive programming and web development, training 100+ students in hands-on sessions.	