Sahil Nawaz

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SUMMARY

Highly motivated and results-driven software developer with expertise in programming languages including Java, C, and Python. Proficient in full-stack web development using the MERN stack (MongoDB, Express.js, React.js, Node.js), with hands-on experience in integrating payment gateways and implementing user authentication. Skilled in UI/UX design with a focus on responsive design and user-centric interfaces. Strong problem-solving, critical thinking, and collaboration skills demonstrated through leadership roles in cultural and coding clubs. Adept at managing projects, optimizing backend operations, and delivering high-quality results within deadlines. Possesses excellent communication, time management, and adaptability skills. Passionate about leveraging technology to create innovative solutions and enhance user experiences.

EDUCATION

Lloyd Institute of Engineering and Technology — Greater Noida, India
B.Tech in Computer Science and Engineering; **CGPA:** *7.6/10* — *2022 – 2026*

New Horizon School — New Delhi, India
Class XII (CBSE); **Percentage:** *76%* — *2021*

PROJECTS

Portfolio Website
- Designed and developed a responsive portfolio website using HTML, CSS, and JavaScript to create an online presence.

Lazyy Foody
- Designed a campus-focused food delivery platform using the MERN stack, including user authentication and optimized delivery features for faster service.

Breast Cancer Classification
- Created a predictive model using Python and Streamlit to classify breast cancer cases as malignant or benign.

Medical Distribution Project (Prakarti)
- Contributed to solving medicine distribution challenges through Ayurvedic principles (doshas). Focused on privacy, UI development, and backend functionality.

MentorConnect Project
- Implemented authentication and authorization for mentors and mentees, redirecting users to appropriate pages based on their roles.

Carbon Footprint Calculator
- Developed a Python application to calculate carbon footprint based on daily lifestyle inputs.

Distraction-Free Browser Extension
- 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. Open-sourced the project on GitHub for public use.

TECHNICAL SKILLS

Programming Languages: Proficient in Java, C, and Python.
Web Technologies: Skilled in 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: Strong understanding of DSA principles with a focus on optimization and problem-solving.
UI/UX Design: Passionate about creating intuitive and user-friendly web interfaces.
Additional Knowledge: Object-Oriented Programming (OOP's in Java), DBMS, Algorithm Analysis, Machine Learning, and Computer Architecture.
Soft Skills: Creative Thinking, Problem-Solving, Teamwork, Communication, Adaptability, Time Management.

Experience

Cultural Club Lead — Lloyd Institute of Engineering and Technology — *2023 – 2025*
Organized and managed cultural activities and events
- Coordinated events, ensuring smooth execution and active participation.
- Managed a team of students for organizing non-technical activities.
- Developed creative thinking and teamwork skills by collaborating with diverse teams.
- Demonstrated strong communication skills while interacting with faculty and participants.

Member, Coding Club (Hex Clan) — Lloyd Institute of Engineering and Technology — *2022 – 2024*
Organized technical events and coding competitions
- Organized 24-hour coding events with 300+ participants.
- Led workshops introducing students to programming and development.
- Volunteered in Inventors Challenge 2024 (AICTE) and International Conferences.
- Applied problem-solving skills to manage coding challenges and guide participants.
- Demonstrated adaptability and time management during event preparation and execution.

E-Commerce Website Development — Freelance Project — *2024*
Built a fully functional e-commerce platform utilizing the MERN stack.
- Built a fully functional e-commerce platform utilizing the MERN stack, featuring user authentication, product listing, and payment gateway integration.
- Implemented a responsive UI/UX design ensuring smooth user experience across devices.
- Optimized backend operations with MongoDB for efficient data storage and retrieval.
- Integrated secure payment gateways and ensured safe transactions for users.
- Enhanced team collaboration by coordinating with front-end and back-end developers, fostering problem-solving and teamwork.

Certifications & Achievements

Certified in Java Programming, C# Corner — Demonstrated proficiency in Java programming fundamentals and object-oriented concepts.

AWS Fundamentals Certification, Coursera — Gained expertise in cloud computing, AWS services (EC2, S3), and best practices for scalable infrastructure.

Winner of Bug Bounty Prize, MSIT — Recognized for strong problem-solving skills, identifying vulnerabilities, and improving security protocols.

Qualified Flipkart Grid 5.0 Level 1 — Showcased strong coding and algorithmic problem-solving abilities in a competitive environment.

Top 5 Teams, MSIT Hackathon — Led a team to success in a fast-paced hackathon, emphasizing collaboration, time management, and innovative thinking.

Qualified Internal Hackathon for SIH 2023 and SIH 2024 — Demonstrated adaptability, technical skills, and innovative solutions in hackathons focused on solving real-world challenges.