LAKSHYA KHARE

Bhopal, Madhya Pradesh • lakshyakhare226@gmail.com

Summary

Computer Science & Engineering undergraduate with a strong foundation in programming, data structures, and system fundamentals, and growing exposure to data analysis and problem-driven application development. Experienced in working with structured datasets, implementing logical workflows, and translating problem statements into technical solutions through academic and project-based work. Comfortable operating in fast-paced environments that require analytical thinking, documentation, and cross-functional coordination. Brings a disciplined learning mindset aligned with entry-level Software Engineering and Data Science–oriented roles.

Education

Lakshmi Narain College of Technology Excellence (LNCTE)
Bhopal, MP
B.Tech in Computer Science & Data Science. GPA 7+ (till 5th semester)
2023 - 2027
Relevant Coursework:

- Core coursework and skill covering Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Software Engineering, and Object-Oriented Programming Concepts.

- Applied learning through Web Technologies and Information Systems & Applications, emphasizing system-level understanding and structured problem-solving.

- Actively involved in multiple technical and leadership clubs, contributing to community-building, event execution, and peer learning initiatives.

National Finalist — Smart India Hackathon; CII & YI IDS4, demonstrating applied problem-solving, teamwork under deadlines, and solution-oriented thinking at scale.

Bundelkhand Higher School
Bhopal, MP
Higher Secondary School Studies, With PCM+B, 67.2% (in 12th Class)
2021 - 2023

Core Math & Science Stream — Physics, Chemistry, Mathematics, Biology and Language
- Completed higher secondary education with a strong foundation in analytical and quantitative subjects (PCM + Biology).

Relocated independently to a different city for intensive competitive exam preparation (JEE/NEET), demonstrating self-discipline, time management, adaptability, and personal accountability at an early stage.

BEHS Sumati Academy
Bhopal, MP
Secondary School Studies, With Standard Mathematics, 63.6% (in 10th Class)
2017 - 2021

During my time at BEHS Sumati Academy, I consistently demonstrated academic excellence and a strong passion for science and technology.
- Awarded gold medals for securing 1st place as the school topper in both the Science Olympiad and Computer Olympiad competitions.
- Actively contributed to various science projects and participated in multiple academic and extracurricular events, enhancing my collaborative and problem-solving skills.
- Developed a disciplined approach to studies and a strong foundation in mathematics, science, and computing

This experience reinforced my dedication to continuous learning and prepared me well for advanced technical education.

Experience

Polygon Universal Industries, India
Founder (Part Time, Remote)

Chhatarpur, MP
Jan 2025 - Present

- Polygon Universal Industries is a multi-vertical manufacturing and packaging group focused on adhesive tapes, packaging solutions, and industrial supply products serving B2B and retail markets (Parent entity for brands like Polygon Tapes, Polygon Packaging, Wonder Sticky Tapes).
- Founded and scaled a multi-brand manufacturing and packaging enterprise spanning adhesive tapes and industrial packaging solutions, operating across 5+ Indian states and multiple tier-1 and tier-2 cities.
- Established and operationalized manufacturing and assembly facilities, overseeing layout planning, vendor onboarding, quality benchmarks, and production workflows to support scalable output.
- Closed strategic supply and distribution partnerships with established industry players including Jindal Tapes, Deon Tapes etc, strengthening procurement reliability and market reach.
- Managed end-to-end commercial operations, including pricing strategy, contract negotiation, invoicing controls, inventory turnover, and working capital planning across multiple product lines.
- Designed and implemented process controls for procurement, inventory tracking, order fulfillment, and vendor performance monitoring, reducing operational dependency risks.
- Oversaw financial planning and compliance readiness, maintaining structured records for transactions, vendor agreements, tax documentation, and statutory requirements.
- Led expansion into new regional markets, coordinating logistics, distributor onboarding, and demand forecasting to ensure controlled and compliant growth.
- Leveraged sales, demand, and operational data to track performance metrics, identify bottlenecks, and inform capacity expansion and supplier diversification decisions.

Built and managed cross-functional execution teams across operations, sales, and supply chain; introduced basic governance and reporting structures suitable for a growing enterprise environment.

Leadership & Activities

Google Developer Group LNCTS
Program & Community Management Lead

Bhopal, MP
Sept 2024 – Sept 2025

- Directed a cross-functional team of 50+ volunteers and core members during a 5-day hybrid campaign, overseeing logistics, communications, scheduling, and real-time issue resolution.
- Coordinated and delivered a Google Gen AI Workshop for 200+ students across 8 structured batches, balancing demand control, quality assurance, and mentor allocation.
- Mentored 22 national-level teams for the Google Solution Challenge, supporting end-to-end project submission and reinforcing problem-solving through applied technology.
- Established national collaborations via MOUs with multiple GDG chapters, enabling cross-campus programs, speaker sessions, and large-scale technical initiatives.

Smart India Hackathon 2025
Team Leader

Mumbai, Maharashtra
Dec 2025

- Led a student team in analyzing the problem statement and developing a structured solution for national-level evaluation.
- Coordinated task allocation, documentation, and submission in defined timelines.

LNCTE Research Conclave 2025

<div align="right">Bhopal, MP</div>

Organizing Team Lead

<div align="right">July 2025</div>

- Managed planning and coordination activities for an institutional research conclave involving students and faculty.
- Oversaw logistics, scheduling, and communication to ensure smooth execution of the event.

IEEE International Conference 2025

<div align="right">Bhopal, MP</div>

Organizing Team Lead

<div align="right">July 2025</div>

- Coordinated with teams to support planning and execution of an international technical conference.
- Handled operational logistics and on-ground coordination to meet event requirements.

Certificates

Google Cybersecurity Professional Certificate

Foundations of Cybersecurity; Play It Safe: Manage Security Risks; Connect and Protect: Networks and Network Security; Tools of the Trade: Linux and SQL; Assets, Threats, and Vulnerabilities; Sound the Alarm: Detection and Response; Automate Cybersecurity Tasks with Python; Put It to Work: Prepare for Cybersecurity Jobs

Google Data Analyst Professional Certificate

Foundations: Data, Data, Everywhere; Ask Questions to Make Data-Driven Decisions; Prepare Data for Exploration

LinkedIn

The Cybersecurity Threat Landscape; Cybersecurity Awareness: Cybersecurity Terminology

Cisco Networking Academy

Introduction to Cybersecurity

Skills & Interests

- **Technical**: Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, Information Systems, Data Science, Risk Analysis, Process Documentation, Git/GitHub
- **Languages**: English (Professional), Hindi (Native)
- **Interests**: Product Management & Tech, Problem Solving, Hackathons, Business and related events

Projects

HyperLogiX — Logistics & Operations Visibility Platform

Innovation Project

<div align="right">(Ongoing)</div>

- Architected a workflow-state based logistics execution model representing order lifecycle transitions from dispatch to delivery.
- Mapped inter-stage dependencies (vehicle assignment, route feasibility, delivery confirmation) to identify points of systemic failure.
- Designed rule-driven exception detection logic to flag stalled state transitions and cascading delay risks.

- Analysed how coordination overhead and manual decision points introduce reliability breakdowns in local transport systems.
- Structured event-driven system logic to reduce ambiguity in execution control and improve operational traceability.
- Documented workflow assumptions, state diagrams, and failure propagation scenarios to support scalability and robustness analysis.

Focus: Workflow Modelling, State Transition Systems, Operational Risk Propagation, Exception Detection Logic, Systems Reliability

Memora — Offline AI-Based Personal Media Retrieval System
Minor Project 1 (Ongoing)
- Contributed to the design and development of Memora, an offline, privacy-preserving desktop application for intelligent organization and retrieval of personal photos and videos.
- Analyzed challenges in large-scale personal media management, including limitations of manual organization and cloud-dependent gallery systems.
- Designed end-to-end system workflows for local media scanning, semantic indexing, and similarity-based retrieval while ensuring complete offline execution.
- Structured backend processing logic to support scalable indexing, efficient retrieval, and incremental updates without reprocessing existing media.
- Adopted a privacy-first and resource-efficient design, optimising processing for CPU-based execution and eliminating reliance on external cloud services.
- Emphasized data control, integrity, and user privacy throughout system design and decision-making.

Focus: Privacy-Aware Systems, Information Management, Risk-Aware Design, System Architecture

BSA_V1 — Bug & Vulnerability Identification
Independent Cybersecurity Project (Completed)
- Independently conducted a structured security assessment of an open-source institutional website to identify application-level and data exposure vulnerabilities.
- Analyzed system behavior, request handling, and data flow to understand potential attack surfaces and control gaps.
- Performed strictly non-invasive validation to confirm vulnerabilities without impacting system integrity, confidentiality, or availability.
- Assessed risk impact and likelihood for each identified issue, focusing on unauthorized access and data leakage scenarios.
- Documented findings in a formal report including executive summary, detailed vulnerability descriptions, associated risks, and remediation recommendations.
- Followed ethical disclosure and responsible research practices, submitting the report to the concerned authority for review.

Focus: Cyber Risk Identification, Documentation, Ethical Disclosure, System Analysis.

Agrow — Technology-Enabled Agriculture Solution
Innovation Project (Completed)
- Designed a technology-driven solution aimed at addressing operational inefficiencies and decision-making challenges within the agricultural ecosystem.
- Conducted problem analysis and stakeholder need assessment to understand on-ground constraints faced by farmers and intermediaries.
- Worked on system flow design and solution structuring, ensuring feasibility, scalability, and adaptability across different use cases.
- Evaluated potential operational and data-related risks impacting adoption and sustainability of the solution.
- Collaborated with a multi-member team to refine solution logic, documentation, and presentation for academic and evaluative review.

Focus: System Thinking, Stakeholder Analysis, Data-Informed Decisions, Feasibility Assessment