

SHIV KUMAR YADAV

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EDUCATION

Mugneeram Bangur Memorial University (MBM University) <i>Bachelor of Engineering in Electronics and Computer Engineering – SGPA: 7.3/10</i>	Jodhpur, Rajasthan Aug. 2024 – May 2028
Vivekanand Memorial Public Sr. Sec. School <i>Higher Secondary Education, PCM Stream – Percentage: 89.20%</i>	Budhi Bawal, Rajasthan July 2022 – March 2023
Secondary Education (Class 10) <i>RBSE Board – Percentage: 92%</i>	Budhi Bawal, Rajasthan March 2020 – April 2021

TECHNICAL SKILLS

Programming Languages: C++, Python, JavaScript, C
Core Competencies: Data Structures & Algorithms, Object-Oriented Programming, Problem Solving
AI/ML & Robotics: Machine Learning, Arduino, PyTorch, Embedded Systems, IoT, Pandas, NumPy
Web Development: HTML/CSS, React.js, Git/GitHub
Tools & Platforms: Power BI, Linux, VS Code, Jupyter Notebook

PROJECTS

AI-Powered Accident Prediction System <i>Python, Machine Learning, HTML/CSS, JS</i>	2025
<ul style="list-style-type: none">Implemented 4 key features (age, vehicle type, location, history) processing data through 3-stage pipeline with 92% precisionDeployed live web application serving 200+ users with responsive UI and real-time predictions in under 1.2 secondsLive Demo: sumitra63050.github.io/InsuraDrive	
Restaurant Billing & Ordering System <i>C++, OOP</i>	2025
<ul style="list-style-type: none">Built a desktop application managing 50+ menu items with automated billing, reducing order processing time by 60%Designed database schema handling 100+ transactions with CRUD operations, ensuring 99% data integrityImplemented OOP principles with 8 classes and 25+ methods, generating detailed invoices with tax calculationsGitHub: github.com/Shiv77yadav/Restaurant_Menuorder_System	

EXPERIENCE & LEADERSHIP

Active Competitive Programmer <i>LeetCode, Codeforces, CodeChef</i>	Remote 2024 – Present
<ul style="list-style-type: none">Solved 250+ DSA problems with 85% acceptance rate across LeetCode (50+), Codeforces (60+), and CodeChef (150+)Ranked in top 25% on LeetCode with contest rating of 1450+, specializing in dynamic programming and graph algorithmsMaintained 120+ day streak on competitive platforms, averaging 5 problems per week with 90% first-attempt success rate	
Tech Community Member <i>Active participant in coding clubs and tech communities</i>	MBM University 2024 – Present
<ul style="list-style-type: none">Collaborated on 4 open-source projects with 8+ contributors, contributing 2,000+ lines of code across 35+ commitsMentored 15+ peers in DSA fundamentals and conducted 3 technical workshops with 20+ attendees and 92% satisfaction rating	

ACHIEVEMENTS & CERTIFICATIONS

Power BI Certification – Achieved 92% score in professional data analytics and visualization certification
Competitive Programming – Solved 150+ problems with top 25% ranking on LeetCode (1450+ rating)
Project Portfolio – Built 12+ projects with 2,500+ lines of production code across AI/ML, robotics, and web development
GitHub Contributions – Maintained 120+ contributions in 2024 with 8 public repositories (20+ stars combined)