Saurabh Namdev

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[LinkedIn](#) | [Leetcode](#) | [Portfolio](#)

Education:

Oriental Institute of Science and Technology Bhopal Madhya Pradesh,
B.Tech Electronics And Communication | CGPA : 7.6 | 2021-2025
12th (MP Board) | Percentage: 73% | 2019-2020
10th (MP Board) | Percentage: 83% | 2017-2018

Technical Skills:

- **Programming Languages:** C++, Java, JavaScript
- **Frontend Technologies:** HTML, CSS
- **Databases:** SQL
- **Software Development:** Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), SDLC, Agile Methodology
- **DevOps & CI/CD:** Jenkins, Continuous Integration & Continuous Deployment (CI/CD)
- **IoT & Embedded Systems:** Arduino, ESP32, Raspberry Pi, NodeMCU
- **Behavioural Skills:** Leadership, Teamwork

Projects:

Student Management System (Java Web Application)
- Developed a web-based Student Management System using Java (Servlets/JSP) with HTML, CSS, and Bootstrap for the frontend.
- Implemented CRUD operations (Add, Search, Delete, View Students) with MySQL database integration via JDBC.
- Followed MVC architecture to ensure clean, modular, and maintainable code.
- Deployed on Apache Tomcat server and integrated with GitHub & Jenkins CI/CD pipeline for automated build and deployment.

Facial Recognition & Biometric ATM Security System: [Link](#)
- Designed an ATM security system integrating facial recognition and fingerprint authentication.
- Developed secure encrypted communication to prevent fraud and unauthorized access.

Internship & Experience:

IOT analyst (IIt Delhi) Course Trainee:
- Gained hands-on experience in IoT, enhancing project development and teamwork skills.
- Developed a home door lock security system using Arduino Uno.
- Successfully completed On-the-Job Training (OJT) in IoT hardware analysis and troubleshooting.
- Conducted hardware diagnostics, circuit testing, and sensor integration for real-world IoT applications.

Extra-Curricular Activities:

Smart India Hackathon (SIH) Finalist Inter College:
- Participated in SIH – a national-level innovation competition organized by the Government of India.

National Service Scheme (NSS) Volunteer:
- Actively contributed to social service initiatives, including cleanliness drives, health camps.