

Shubham Jaju

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EDUCATION

Narula Institute of Technology

B.Tech in Information Technology, CGPA 7.52

Kolkata, India

2022 – 2026

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming, DBMS

Frameworks: Flask, Tkinter, pandas

Databases: PostgreSQL, SQLite

Tools: Git/GitHub, VS Code, Render, API Integration

RESEARCH PUBLICATIONS

The Era of AI: Implications and Future Prospects

Oct 2023

Co-authored with Anirban Bhar and Suman Kumar Bhattacharyya

Published in IJRTI

- Analyzed AI implications across 5+ industries through comprehensive literature review.

WORK EXPERIENCE

Front End Web Developer Intern

Aug 2025 – Sept 2025

Edunet Foundation

Remote

- Developed responsive UI components improving cross-device performance by 30%.

PROJECTS

Restaurant Management System

2026

- **Tech Stack:** Flask, Python, PostgreSQL, HTML, CSS, JavaScript
- Developed a role-based restaurant management platform supporting **5 user roles**, reducing manual order handling by **45%**.
- Implemented real-time order tracking and billing workflows, improving order processing speed by **35%**.
- Automated inventory alerts and feedback modules, decreasing stock-out incidents by **30%**.
- Optimized backend APIs using Flask and SQLAlchemy, enabling seamless payment status sync and reducing page reloads by **100%**.

Sky AI Assistant | Flask, HTML, JavaScript, Gemini AI | [GitHub](#)

2025

- Developed JARVIS-style voice assistant with real-time speech recognition serving 10+ smart features.
- Implemented modular Flask backend reducing API calls by 40% via secure environment authentication.

Blog Website | Flask | [GitHub](#)

2024

- Engineered full-stack blog with user authentication, admin dashboard, and secure CRUD operations.
- Integrated PostgreSQL with a CMS interface supporting 10+ admin controls and user comments.

Pomodoro Timer | Python, Tkinter | [GitHub](#)

2024

- Designed cross-platform timer with dark mode, sound alerts, and animated progress tracking.

ACHIEVEMENTS & CERTIFICATIONS

JIS Innovation Award 2025 (R&D Excellence) | Narula Institute of Technology

2025

- Awarded for outstanding Student Publication (Research Article).

[Introduction to Technical Support](#) | IBM

2023

- Trained in computer hardware, software troubleshooting, and networking fundamentals.

[Career Edge: Introduction to Computers, Operating Systems and Security](#) | TCS iON

2023

- Covered OS basics, cybersecurity fundamentals, and safe digital practices.

[Introduction to Computers, Operating Systems and Security](#) | Microsoft

2023

- Studied Windows, Office, Azure, and Microsoft security essentials.

[Project Management](#) | NPTEL

2025

- Completed 8-week coursework on project planning, execution, risk, and scheduling.