

JASHANDEEP SINGH BEDI

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EDUCATION

Integrated Master of Technology

International Institute of Information Technology Bangalore

📅 08/2024 - Present 📍 Bangalore

Class 12 Board

Guru Nanak Public School

📅 04/2022 - 03/2024 📍 Ludhiana

Class 10 Board

Ryan International Group

📅 04/2012 - 03/2022 📍 Ludhiana

PROJECTS

Focus Management and Digital Wellness Platform

[Github](#)

- Developed an AI/ML-powered full-stack web app to reduce digital distraction and build focus habits.
- Delivered personalized, non-intrusive focus recommendations using real-time cognitive state analysis.

FactCheck - No Misinfo

[GitHub](#)

- Developed an AI-powered fact-checking platform using NLP (spaCy, Transformers) for automated claim detection, real-time credibility scoring, and chatbot-based user education.
- Built a full-stack application (React, Node.js, Python) with crowdsourced verification and a modern UI/UX for a transparent, community-driven experience.

Warehouse Management System

[GitHub](#)

- Built a modular system for inventory control, order processing, and transaction tracking with graph-based analytics.
- Designed CLI-based admin interface with MySQL backend and integrated Python scripts for inventory trends and sales insights.

RISC-V Pipelined Processor Implementation

[GitHub](#)

- RISC-V Pipelined Processor (Python) – Implemented a structural 5-stage RV64IM+D processor with hazard detection, forwarding units, and IEEE 754 floating-point support.
- Developed modular components for ALU, FPU, control units, and pipeline simulation; tested full instruction flow using a custom memory and register setup.

BookMyShow Python Console Application

[GitHub](#)

- BookMyShow Console App (Python, MySQL) – Built a ticket booking system with user authentication, show filtering, and seat management using a structured SQL backend.
- Implemented features for booking, cancellation, and account management; used pymysql and pandas for database interaction and reporting.

SKILLS

Python C C++ JavaScript

TypeScript

HTML CSS React Node.js Next.js

TailwindCSS Framer Motion

MySQL SQLite

Git GitHub Firebase Three.js

spaCy Transformers Matplotlib

pymysql pandas Scikit-learn

LANGUAGES

English
Proficient



Language
Proficient

