

OBJECTIVE

Pre-final year B.Tech Computer Science and Engineering student (8.15 CGPA) with a strong foundation in Core Java, C, C++, Object-Oriented Programming, and SQL. Proven ability to build responsive desktop applications using Java Swing, JLayer, and multithreading, backed by an NPTEL Elite + Gold certification in Java. Seeking a Java / Software Developer Internship to apply core programming and problem-solving skills to real-world software development.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering

2024 – 2028

Indore Institute of Science and Technology (IIST), Indore

CGPA: 8.15

Relevant Coursework: Object-Oriented Programming (OOP), Design & Analysis of Algorithms, Operating Systems, Relational Database Management Systems (RDBMS), Computer Organization & Architecture

TECHNICAL SKILLS

Programming Languages	Core Java, C, C++, SQL
GUI & Libraries	Java Swing, JLayer (MP3 Audio Decoding), Event-Driven Programming
Core Concepts	Object-Oriented Programming (OOP), Multithreading, Exception Handling, Data Structures & Algorithms, RDBMS
IDEs & Developer Tools	NetBeans, Git, GitHub

PROJECTS

Local Media Player Application

Core Java, Java Swing, JLayer, NetBeans

- Built a desktop audio player application in NetBeans using Core Java and Java Swing for the graphical user interface.
- Integrated the **JLayer** library to decode and stream local MP3 audio files directly within the Java application.
- Implemented event-driven programming using Java listeners to handle user interactions for playback controls and file selection.
- Utilized multithreading to execute JLayer audio playback on a separate background thread, keeping the Swing Event Dispatch Thread (EDT) unblocked and the UI responsive.

CERTIFICATIONS & ACHIEVEMENTS

- Programming in Java (Elite + Gold Certification)** – NPTEL
- Programming in C Certification** – NPTEL (Completed June 2026)
- Smart India Hackathon (SIH) & Internal College Hackathon:** Collaborated in a team environment to analyze problem statements and design technical solutions under competition deadlines.