

SUMIT GUPTA

Moradabad, Uttar Pradesh

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EDUCATION

Kamla Nehru Institute of Technology, Sultanpur

2022 – 2026

B.Tech - Information Technology - **CGPA - 8.23**

Sultanpur, Uttar Pradesh

PROJECTS

YouTube Video Summarizer. [🔗](#) | NextJS, Spring Boot, Java, MySQL, Nhost, n8n July 2025

- **Summarizes YouTube videos** from URLs using an **NLP workflow** — reduces manual note-taking by **90%**.
- **Stores summaries** in **MySQL** with **user-specific history** and **pagination** (supports up to **1,000+** records/user).
- Restructured **MySQL database** using **normalization techniques**, improving data retrieval speed by **35%** and reducing storage usage by **20%**.
- **Automated summarization pipeline** using **n8n**, enabling **asynchronous** and **scalable processing**.
- Built a **clean, responsive UI** with **Next.js**, including **dark mode**, **slider previews**, and **copy/export** features.
- Added **text-to-speech** feature with support for **multiple languages** and **adjustable playback speed**.

Text Utils. [🔗](#) | ReactJS, JavaScript, HTML, CSS

Jan 2025

- Built with **HTML**, **CSS**, and **ReactJS** — optimized for lightweight, fast UI performance.
- Supports **multiple text operations** with a clean and universal UI for all users.
- Implemented **6+ text features** including **copy**, **remove spaces**, **case conversion**, and **text-to-speech**.
- Integrated into existing systems, improving **text manipulation efficiency** by **40%**.

Banking Management System. [🔗](#) | Java, JDBC, MySQL, VS Code

November 2024

- Developed a **Core Banking System** with **5+ operations** including account creation, balance inquiry, fund transfer, and account closure.
- Designed a **normalized MySQL schema** managing **1,000+ customer records**, improving **data integrity and query performance**.
- Implemented secure **JDBC-based database interaction**, reducing query execution time and enhancing system responsiveness.
- Modularized business logic to improve **code reusability** and reduce duplication by **40%**.

TECHNICAL SKILLS

Languages: C, Java, JavaScript, SQL

Frameworks & Tools: N8N, HTML5, CSS3, React, JDBC, REST APIs, Spring Boot, Next.js

Developer Tools: VS Code, IntelliJ, Git, GitHub, Postman, Vercel, Railway, AWS, Chrome DevTools

CERTIFICATIONS

- Mastering Java and OOPS Concept - CodeChef
- Solved 150+ DSA problems - LeetCode
- Flipkart GRID 6.0 - Software Development Track - Unstop

EXTRACURRICULAR

- Online Mathematics tutor - Enhanced communication skills through peer tutoring. (Aug 2023 – Sep 2023).
- Boosted analytical skills through national-level quiz event.