

Preksha Maheshwari

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https://preksha6.github.io/portfolio/

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech Computer Science (Internet Of Things)	Techno Main Saltlake, Kolkata	8.11(5thsemester)	2026-Present
Senior Secondary	St. Luke's Day School, Naihati	92.25%	2023

TECHNICAL SKILLS

Languages: Python, Java (Basic), C/C++, Javascript, SQL

Frameworks & Libraries: React.js, Node.js, Express.js, Pandas, Numpy

Tools: Git, MongoDB, My SQL

PROJECTS

Flash digest | Groq LPU (LLM inferencing), Whisper (OpenAI), PostgreSQL, Flask, React+Vite, Fluvio

- Engineered AI news summarizer using React.js and Tailwind CSS to build a responsive frontend; integrated Groq LLMs for real-time summarization, Fluvio for live news streaming, and Whisper ASR to process audio-based news sources.
- Developed the frontend of Flash Digest, a real-time AI news summarizer dashboard using React.js and Tailwind CSS.
- Designed responsive UI components to display Groq-powered summaries, highlight reels, and topic digests from live news sources.

Arcana Library | MongoDB, Express.js, React.js, Node.js, REST APIs, JavaScript, HTML, CSS

- Built a database-driven Library Management System to manage books, users, and transactions
- Implemented add, update, delete, issue, and return book functionalities
- Designed search and availability tracking for efficient book management
- Structured relational database for maintaining book and user records
- Improved efficiency by automating manual library operations

ACHIEVEMENTS

- Smart India Hackathon** | 2024
 - Qualified for intercollege hackathon 2024
 - Participated in hackathon 2024, Delhi
- IBM Skills Build** | 2025
 - Attended the IBM Skills Bootcamp-(AI & Machine Learning)
- Deloitte Australia Technology Job Simulation on Forge** | June 2025
 - Completed a job simulation involving development and coding.
 - Wrote a proposal for creating a dashboard