

# Manpreet Singh

+91 8082843024 | [manpreetsinghms1080@gmail.com](mailto:manpreetsinghms1080@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Leetcode](#)

## EDUCATION

---

**Bachelor of Technology CSE — Specialization in AI and ML**

*Model Institute of Engineering and Technology*

Aug. 2023 – May 2027

*Jammu and Kashmir, India*

## TECHNICAL SKILLS

---

**Languages:** Java, Python, JavaScript, TypeScript, HTML, CSS

**Frameworks:** Springboot, Langchain, Langgraph, FastApi, React, Nextjs, Node.js, Express, Vite, Tailwind, GSAP, React-Native

**Developer Tools:** Docker, Git, Github, Postman, Figma, VS Code, Cursor, Antigravity

**Databases & Cloud:** , Postgres, MySQL, MongoDB (& Atlas)

**Libraries:** Scikit-learn, Tensorflow, NumPy, Pandas, Matplotlib, Seaborn, SciPy, cdfib

**Operating Systems:** Windows

## EXPERIENCE & INTERNSHIPS

---

**Web Development Lead**

*Google Developer Groups On Campus MIET Jammu – Community*

Sept. 2025 – Present

*Jammu and Kashmir, India*

- Organizing and leading Web Development sessions in Google Developer Groups On Campus initiatives at MIET Jammu to foster collaboration, innovation, and technical growth among students within the developer community.
- Guided around 150 students regarding web development its recent advancements and how to learn it efficiently in this AI era.

## PROJECTS

---

**NoteWise** | *React, Framer-Motion, Nodejs, Expressjs, MongoDB, Git* | [Live](#) | [Github](#)

July. 2025 – Aug. 2025

- NoteWise is an AI-Powered Full-Stack note-taking application that enables users to create, read, update, and delete notes with ease.
- Crafted the website using React, Framer-Motion, Tailwind, Nodejs, Expressjs, MongoDB and much more.
- Implemented the Note summarization feature using gemini api at the backend.

**Order Management System** | *Java, SpringBoot, Kafka, Docker, Redis, Git* | [Github](#)

Mar. 2026 – Present

- Architected an event-driven microservices system using Apache Kafka to orchestrate asynchronous order lifecycle.
- Engineered a custom Redis-backed IdempotencyService in a shared common library, guaranteeing exactly-once processing across service boundaries.
- Containerized a 4-service Spring Boot application with Kafka (KRaft mode) and Redis using Docker Compose.

**Auth Service & User Service** | *Java, SpringBoot, Kafka, Docker, Git* | [Github](#)

Feb. 2025 - Mar. 2025

- Designed a JWT-based authentication system with role-based access control (RBAC) and stateless session validation, implementing access and refresh token rotation to minimize session hijacking risk.
- Integrated Kafka to asynchronously stream user registration events from the Auth Service to the User Service, ensuring secure separation of credentials.
- Containerized the Auth Service, User Service, MySQL, and Kafka using Docker, enabling seamless multi-service orchestration.

## ACHIEVEMENTS, CERTIFICATIONS & PROGRAMS

---

**Deep Learning - NPTEL** | [Certificate](#)

**HackerRank SQL (Basic)** | [Certificate](#)

**Postman API Fundamentals Student Expert** | [Certificate](#) | [Badge](#)

**IBM Generative AI Engineering** | [Certificate](#)

**Google Cloud Certification With GenAI** | [Certificate](#)

**IBM Skillsbuild** | [Certificates](#)

**IBM - RAG and Langchain** | [Certificate](#)

**Machine Learning with Python** | [Certificate](#)

**Advance Fine Tuning for LLMs** | [Certificate](#)