

Tanishk Gupta

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EDUCATION

- **Indian Institute of Information Technology and Management, Gwalior | CGPA: 7.63** Oct 2022 – May 2027
Integrated Master of Technology (B.Tech + M.Tech) in Information Technology
- **Milton Public School, Agra | Percentage: 83.8%** July 2020 – August 2021
Senior Secondary Education (CBSE)

SKILLS

- **Languages:** C++, JavaScript, Python, HTML, CSS
- **Frameworks & Libraries:** React, Next.js, Node.js, Express.js, Redux, Tailwind CSS
- **Databases:** MongoDB, MySQL
- **Tools & Technologies:** Git, GitHub, Visual Studio Code, Postman

EXPERIENCE

- **GoFr Summer of Code – Open Source Contributor** June 2025 – July 2025
Open Source Contribution – Go, GoFr Framework, SQL
 - Implemented '/payments' and '/callback' routes using GoFr's HTTP framework and SQL-backed service layer.
 - Wrote unit tests using GoFr's built-in mock testing utilities.

PROJECTS

- **CodeMentor AI – AI-Powered DSA Review and Spaced Repetition System** [GitHub](#)
Distributed Backend System – FastAPI, RabbitMQ, Celery, Redis, MongoDB, FAISS, OpenAI, Docker
 - Built an asynchronous code review pipeline using FastAPI, RabbitMQ, and Celery for non-blocking LLM reviews.
 - Implemented a RAG-based system using FAISS and OpenAI to analyze LeetCode solutions and detect mistake patterns.
 - Designed a spaced-repetition engine with MongoDB and Redis to track weaknesses and schedule revisions.
 - Integrated Prometheus and Grafana to monitor API latency, task throughput, and review processing time.
- **Framely – AI-Powered Media Editing Platform** [GitHub](#)
Fullstack Project – Next.js, Cloudinary, Prisma, ShadCN UI
 - Built a media application using Next.js and Cloudinary for real-time image and video transformations.
 - Integrated Cloudinary AI services to enable generative fill and automatic background removal features.
 - Used Prisma for database management and implemented async logic to handle large file uploads.
- **Mind Mittra – Mental Health Analytics Platform (Hackathon Project)** [GitHub](#)
Fullstack Project – React.js, Flask, Python, SQLite, Scikit-learn
 - Built as part of HackOrbit 2025 – selected among top 25 teams from 400+ nationwide participants.
 - Deployed a Scikit-learn Random Forest model to analyze user data and predict anxiety levels.
 - Developed REST APIs to serve ML predictions and visualized user trends using Recharts.

ACHIEVEMENTS

- Finalist – HackOrbit 2025 (MITS Gwalior), selected among top performers from 400+ teams in a national-level hackathon.
- Selected Mentee – GoFr Summer of Code 2025, chosen from 2,450+ applicants for open-source contribution under mentorship.
- Semi-finalist – TechGig CodeGladiators 2024.
- Solved 1200+ DSA problems on LeetCode and Codeforces