

YASH GUPTA

SOFTWARE DEVELOPER

New Delhi, India | yashgupta2116@gmail.com | [linkedin.com/in/yashgupta2116](https://www.linkedin.com/in/yashgupta2116) | github.com/YashGupta2116

TECHNICAL SKILLS

- **Programming Languages:** C++, Java, JavaScript, TypeScript
- **Frontend Technologies:** Next.js, React, HTML5, CSS3, Tailwind CSS, Redux, Zustand
- **Backend Technologies:** Node.js, Express.js, REST APIs, Redis, RabbitMQ
- **AI/ML Libraries:** Google Gemini API, OpenAI, Vapi AI
- **Databases & ORMs:** PostgreSQL, MongoDB, Supabase, Firebase, Prisma ORM
- **Developer Tools & Platforms:** Git, GitHub, Vercel, JWT, Clerk, Axios
- **Other Technologies:** Docker, AWS, EC2, Pub Subs

PROFESSIONAL EXPERIENCE

Lead Developer, Vault X Project

- Led the development of a full-stack, AI-powered expense management platform serving over **100 users**.
- Engineered an **end-to-end encryption and authentication** system using Clerk, significantly reducing security vulnerabilities.
- Streamlined user engagement by implementing an automated email notification system, resulting in a **40% increase** in user interaction.
- **Live Demo:** <https://vault-x-psi.vercel.app/>

Lead Developer, Prepster Project

- Architected an intelligent interview preparation platform using a **Vapi AI voice agent** for realistic practice sessions.
- Designed and implemented a **dynamic question generation** engine using the **Google Gemini API**, tailoring content to user needs.
- Coordinated the development of a comprehensive feedback system, contributing to an **85% positive user feedback** rating.
- **Live Demo:** <https://prepster-ivory.vercel.app/>

EDUCATION

H.M.R INSTITUTE OF TECHNOLOGY & MANAGEMENT

Aug 2023 - Feb 2027

- Bachelor of Technology in Computer Science & Engineering (AI & Data Science)
- Relevant Coursework in Data Structures, Algorithms, and Machine Learning.

ADDITIONAL INFORMATION

- **Problem Solving:** Solved over **150+** questions on **LeetCode**, demonstrating **strong analytical and algorithmic skills**.
- **Awards/Activities:** Selected for the Internal Round of the **Smart India Hackathon (2023, 2024)**.
- **Leetcode:** <https://leetcode.com/u/yashgupta2006>