

Sanyam Garg

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EDUCATION

Vellore Institute of Technology, Bhopal (CGPA: 8.61) <i>Bachelor of Technology in Computer Science</i>	Bhopal, MP 2022 – 2026
Vaish Public School (89.2%) <i>Senior Secondary (CBSE)</i>	Rohtak, HR 2021 – 2022
Vaish Public School (90.8%) <i>Secondary (CBSE)</i>	Rohtak, HR 2019 – 2020

PROJECTS

SamurAI | *Next.js, React, Gemini, Langchain, Clerk, NeonDB, Stripe, Tailwind CSS* | GitHub

- Built a production-ready web application that generates structured summaries from PDF documents using **Gemini** and **Langchain**.
- Used **NeonDB (PostgreSQL)** for storing summaries and user metadata.
- Designed an interactive summary viewer with progress tracking and toast notifications.
- Enabled PDF uploads (up to 32MB) via **UploadThing** with efficient file management.

Brainer | *Next.js, React, TypeScript, Tailwind CSS, MongoDB* | GitHub

- Developed a lightweight, user-friendly web application to capture and organize short-term memory notes, fleeting ideas, tweets, and YouTube video links using a card-based layout.
- Built a card-based interface for intuitive visualization and quick note capture.
- Supported rich content types: text, tweets, and YouTube URLs.

Edu-Tech | *JavaScript, Node.js, Express.js, MongoDB, JWT, Cloudinary* | GitHub

- Developed a robust and scalable backend for an Ed-tech platform, focusing on secure user authentication and efficient media management.
- Implemented comprehensive user authentication using **bcrypt** for secure password hashing and **JWTs** for session management and authorization.
- Designed and built **RESTful APIs** with role-based access control to ensure data integrity and system security.
- Integrated **Cloudinary** for seamless and real-time media storage and retrieval, optimizing asset management.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C++, SQL, HTML5, CSS3

Frameworks: Next.js, Node.js, Express.js, React.js, REST APIs, Socket.io, Zod, Tailwind CSS, Clerk

Developer Tools: MongoDB, MySQL, Git, GitHub, Docker, Postman, Vercel

DataBases: MongoDB, PostgreSQL

CERTIFICATION

The Bits and Bytes of Computer Networking (Google): Covered networking fundamentals, modern protocols, cloud computing, and network troubleshooting.

Cloud Computing (NPTEL): Explored cloud computing architecture, management, security challenges, and future research trends.

MERN Stack Developer Certification(Ethnus): Covered complete MERN Stack development and deployment.