GOPAL VERMA

Madhuban, Mau, Uttar Pradesh

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EDUCATION

Indian Institute of Information Technology, Vadodara   Nov 2022 – June 2026
B.Tech. in Computer Science and Engineering — **CGPA - 9.21** *(Rank 3)*   *Gandhinagar, India*

Sunbeam School, Mau   **2021**
XII (CBSE Board) — **Percentage - 89.8%**   *Mau, India*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Security and Privacy
- Database Management System (DBMS)
- Artificial Intelligence
- Image Processing
- OOPS Concept
- App Development
- Software Engineering
- Edge Computing
- Computer Networks

PROJECTS

E-commerce Application ⤴ | Dart, Flutter, Firebase, Algolia Search, Razorpay   **Feb 2024**

- Developed a **fully functional e-commerce platform** with user authentication, product search, and payment processing.
- Implemented **Firebase Authentication** for secure user sign-in and registration.
- Integrated **Algolia Search API** for fast and efficient product search.
- Added **Razorpay Payment Gateway** for seamless checkout and transactions.
- Used Flutter for frontend and Firebase Firestore for real-time database.

Book My Doctor ⤴ | MySQL, Node.js, Express.js, Flutter, Firebase, Netlify   **Nov 2024**

- Developed a **DBMS-based patient portal** for appointment scheduling and medical records.
- Designed and implemented secure patient registration and login system using Firebase Auth.
- Built a **dynamic doctor search system** using Node.js and Express.js with MySQL as the database.
- Deployed the backend on **Netlify** for seamless cloud-based hosting.

Notes App ⤴ | MongoDB, Node.js, Express.js, Flutter, Firebase, Netlify   **Oct 2024**

- Created a **cross-platform Notes App** with **CRUD (Create, Read, Update, Delete)** functionality.
- Deployed backend using **Node.js, Express.js, and MongoDB** on Netlify.

EXPERIENCE

Indian Institute of Information Technology, Vadodara (IIITV)   Jan 2025 – April 2025
Teaching Assistant – Linear Algebra & Matrices   *Gandhinagar, India*

- Conducted lectures and tutorials, grading assignments, and mentoring students in **Linear Algebra and Matrices**.
- Held doubt-clearing sessions to improve student understanding of vector spaces, transformations, and eigenvalues.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, Dart, JavaScript, SQL, NoSQL, HTML, CSS
Developer Tools: VS Code, Android Studio, Matlab, Docker, Kubernetes, Archi, Postman, Selenium
Technologies/Frameworks: Linux, GitHub, React, NextJS, NodeJS, ExpressJS, Git, MongoDB, MySQL, Flutter, Firebase, JWT, RESTful APIs, WebSockets