

# Bishal Sarkar

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## SKILLS SUMMARY

- **Front End Development:** HTML, CSS, PHP, JavaScript, ReactJS, NextJS, Tailwind CSS, and Laravel.
- **Back End Development:** NodeJS, Express, PostgreSQL, MySQL, NocoDB and MongoDB.
- **Miscellaneous:** Framer Motion, Daisy UI, Bootstrap, Wix and GitHub
- **Platforms:** Linux and Windows
- **Soft Skills:** Teamwork, problem solving, communication, adaptability, critical thinking, time management and interpersonal

## EXPERIENCE

- **Criss Cross Lab:** (<https://www.crisscrosslab.com/>) HTML, CSS, JavaScript, ReactJS, NextJS, Tailwind CSS, NocoDB, Framer Motion, Daisy UI, Bootstrap, Wix — (December 2022 – Present) — Gurugram, Sector 49

## PROJECTS

- **Face Detection App:** (<https://smart-brain537.herokuapp.com/>) A fully functional app which can detect a face of a humane on a picture. This app is built using react and image recognition API, It has its own server built using node and express and has its own database as well. And it uses bcrypt to store password
- **E-Commerce website:** (<https://b-commerce-mystore.netlify.app/>) A fully functional E-Commerce app where we can add and remove any product dynamically. This app is built using react app and commercejs API. Here I used stripe to carry out payment and react hook form as checkout form.
- **Space Invaders Game:** (<https://vishal-sarkar.github.io/space-invader-game/>) A fully functional space invader game with pure HTML, CSS and JavaScript, where enemy from space invades the user's base and the user has to protect their base from it
- **Card Match Game:** (<https://vishal-sarkar.github.io/Avenger-memoryGame/>) A fully functional Card Match game with pure HTML, CSS and JavaScript. Here I used a pair of avenger character laid face down on a surface and two cards are flipped face up over each turn. The object of the game is to turn over pairs of matching cards
- **Todo App:** (<https://github.com/Vishal-sarkar/My-Custom-todo-app>) A fully functional Todo App build with pure HTML, CSS and JavaScript. This application is like a task keeper where the user would be able to enter the tasks that they need to do. Once they are done with their tasks they can also remove them from the list.
- **Snake Game:** (<https://vishal-sarkar.github.io/Snake-Game/>) A fully functional Snake game built with pure HTML, CSS and JavaScript. The player controls a creature, resembling a snake, which roams around on a bordered plane, picking up food, trying to avoid hitting its own tail or the edges of the playing area. Each time the snake eats a piece of food, its tail grows longer, making the game increasingly difficult.

## ABOUT ME

Dynamic Front-End and Back-End Developer with 2+ years of expertise in HTML, CSS, JavaScript, ReactJS, NodeJS, and databases. Proven success in projects such as a Face Detection App and E-Commerce website. Skilled in Framer Motion, Bootstrap, and platforms like Linux. Excellent soft skills including teamwork and critical thinking. Currently excelling at Criss Cross Lab. Passionate about software development and continuous learning. Bachelor's in Physics, Udemmy-certified in web development, and quantum computing. Excited to contribute technical prowess to innovative projects.

## EDUCATION

- **Tangla College, Gauhati University** Assam, India  
*Bachelor of Science (Hons) Physics at Tangla College; GPA: 8.13* July 2017 - June 2021  
*Courses:* Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases
- **Udemmy**  
*The Complete Web Developer in 2023: Zero to Mastery;* 2020 - 2021  
*Courses:* HTML, CSS, JavaScript, react, redux, Node, Express, SQL and PostgreSQL
- **Udemmy**  
*Laravel 8 and 9 - Build Advance Ecommerce Project A-Z;* April, 2022 to October, 2022  
*Courses:* Laravel, PHP and MySQL
- **The coding school** 3940 laurel canyon blvd. Ste 153 los angeles, CA 91604  
*Introduction to Quantum Computing with IBM Quantum* 2020 to 2021  
*Courses:* introductory linear algebra, coding with Qiskit, quantum mechanics, quantum algorithms, python, quantum applications and more

LANGUAGES SPOKEN

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English, Hindi, Bengali, Assamese