

Jiya Sangwan

+91 8307220384 | jiyasangwan70@gmail.com | [linkedin/jiyasangwan](https://www.linkedin.com/in/jiyasangwan) | [github/jiyasangwan](https://github.com/jiyasangwan)

EDUCATION

Bachelors of Technology in Computer Science

VIT Bhopal University, Bhopal

XII | CBSE

RPS Sr. Sec. School, Mahendergarh

X | CBSE

RPS Sr. Sec. School, Mahendergarh

September 2022 – Present

CGPA: 8.74

April 2020 – May 2021

Percentage: 95%

April 2018 – May 2019

Percentage: 94%

TECHNICAL SKILLS

- **Front-End:** HTML5, CSS3, JavaScript (ES6+), React, JSON, AJAX
- **Responsive Design:** Flexbox, CSS Grid, Bootstrap, Tailwind CSS, JWT Authentication
- **Back-End:** Node.js, Express.js, RESTful APIs
- **Databases:** MongoDB, Firebase Realtime Database
- **Tools & Platforms:** Git, GitHub, NPM, Postman
- **Deployment:** Vercel, Render
- **Problem solving:** Data structures, Algorithms

PROJECTS

NETRA | YOLO, OpenCV, LLMs, React.js, Node.js, Express.js | Team Project

Sept 2025 – Present

- Developing a real-time intelligent assistance system using YOLO, OpenCV, and Large Language Models.
- Integrating speech-to-text and text-to-speech for interactive multimodal user communication.
- Built with React.js, Node.js, and Express.js for responsive monitoring and control.

BookAura | MERN Stack, JWT | Individual Project

June 2025 – July 2025

- Built a library management system with Admin and Student roles, book catalog, and borrow/return requests.
- Implemented secure authentication with JWT, OTP verification, and role-based access control.
- Enabled real-time request tracking and updates for efficient library operations.

ShopEZ | MERN Stack | Individual Project

Feb 2025 – March 2025

- Developed an e-commerce platform with Admin, Seller, and Buyer roles supporting cart, wishlist, and order management.
- Integrated user authentication, product filtering, and dynamic product rendering.
- Designed a responsive frontend with React for smooth user experience and efficient navigation.

CERTIFICATES

- **Full Stack Web Developer (MERN Stack)** – SmartBridge (2025)
- **DevOps, Agile, and Design Thinking** – IBM (2025)
- **The Full Stack Web Development Bootcamp** – Udemy (2025)
- **Cloud Computing** – NPTEL, IIT Madras (2024)
- **The Bits and Bytes of Computer Networking** – Coursera (2024)

ACHIEVEMENTS

- Achieved Winner position in Firefox Expedition 2024 (Mozilla Firefox Club, VIT-Bhopal), demonstrating technical innovation, problem-solving, and effective teamwork.
- Secured Runners-up position in UckersTerra 2.0, Advitya 2024 (organized by Ramanujan Mathematica & SAP Club), showcasing strategic thinking, collaboration, and adaptability in a competitive non-technical event.