

# Aashina Saxena

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## EDUCATION

### VIT Bhopal University — B.Tech in Computer Science and Engineering

Bhopal, Madhya Pradesh

| CGPA: **9.28/10** | Expected May 2026

### St. Paul's Church College — 12th Standard (ISC)

Agra, Uttar Pradesh

| Percentage: **96.75** | 2022

### St. Paul's Church College — 10th Standard (ICSE)

Agra, Uttar Pradesh

| Percentage: **96.80** | 2020

## TECHNICAL SKILLS

Java, HTML, CSS, Bootstrap, Tailwind CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, SQL, Object Oriented Programming, Database Management System

## PROJECTS

### GreenCart-Grocery Delivery Web Application

Oct, 2025

- Built and deployed a full-stack grocery delivery platform supporting real-time order tracking, product listings, cart management, and secure checkout, providing a seamless shopping experience for users.
- Designed and implemented an interactive admin dashboard that enables efficient control over inventory, order monitoring, and product updates, with responsive components for both desktop and mobile users.
- Integrated the Razorpay payment gateway for smooth and reliable transactions while incorporating JWT-based authentication and role management to safeguard user sessions and confidential data.
- Optimized backend logic using MongoDB aggregation pipelines, query indexing, and caching techniques, significantly improving database performance.
- Tech Stack: **React.js, Node.js, Express.js, MongoDB, Tailwind CSS, JWT, Razorpay API**

### Shopoholic -Inventory & Product Management System

April, 2025

- Developed a MERN-based inventory management web application focused on performing end-to-end CRUD operations for products, including creation, modification, listing, and deletion, through an intuitive React interface.
- Implemented a structured Node.js and Express.js backend with dedicated routing and a MongoDB database to manage product data, ensuring consistent data flow and reliable communication between the client and server.
- Built reusable frontend components such as InsertProduct, UpdateProduct, and Products pages, along with a secure Sign-In interface, improving maintainability, user accessibility, and performance across modules
- Technologies Used: **React.js, Node.js, Express.js, MongoDB, CSS Modules**

### Music-Player (Interactive Web Application)

June, 2024

- Engineered a responsive browser-based music player featuring playback controls, progress tracking, and playlist management from a static list of songs mentioned ensuring smooth performance.
- Designed an intuitive and accessible interface using HTML, CSS, and JavaScript DOM manipulation and event listeners maintaining cross-browser compatibility and consistent responsiveness.
- Technologies Used: **HTML, CSS, JavaScript**

## CERTIFICATIONS

- AWS Solutions Architect - Associate Certification – Ethnus  
(Gained hands-on experience in deploying and managing **cloud infrastructure using EC2, S3, and IAM**, focusing on scalability, security, and cost optimization)
- MERN Full Stack Certification Program – Ethnus  
(Learned end-to-end web development using **MongoDB, Express.js, React.js, and Node.js**, including REST API creation, state management, and responsive UI design.)

## EXTRA-CURRICULARS

### Algorithmic and Analytical Reasoning

- Completed the **100 Days of Code** challenge in Java, focusing on data structures, algorithms, and problem-solving, with **300+ coding problems** solved on LeetCode and GeeksforGeeks.
- Participated in multiple **coding contests and hackathons**, sharpening analytical thinking, efficiency, and real-world implementation skills.

Meraki-The Fine Arts Club- VIT Bhopal- Co-Lead (Decor Team)

Nov 2022- May 2025

- Directed décor planning and execution for large-scale events such as ARTRUN (200+) and KALAKRITI (120+), leading a 10-member team to ensure seamless coordination, creativity, and enhanced campus engagement.

## ADDITIONAL INFORMATION

**Hobbies:** Art, Craft, Painting

**Languages:** Hindi (Native proficiency), English (professional working proficiency)