

SAMARTH LAWANIA

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EDUCATION

GLA University, Mathura, Uttar Pradesh

Expected 2025

B.Tech Computer Science

Baba Sugreev Vidhyapeeth Sr. Sec. School, Bharatpur, Rajasthan

2018–2020

Intermediate: Physics, Chemistry, Mathematics Percentage: 81.80%

Baba Sugreev Vidhyapeeth Sr. Sec. School, Bharatpur, Rajasthan

2016–2018

Highschool Percentage: 84.83%

SKILLS

Programming Languages: Java, JavaScript, TypeScript, Python

Technical Skills: Data Structures & Algorithms, MERN, Git, GitHub

Technologies: HTML, CSS, Node.js, EJS, React, MongoDB

Frameworks: Express.js, Next.js, Tailwind CSS, Bootstrap, Redis

Miscellaneous: Critical Thinker, Resilient, Communicative, Creativity

PROJECTS

EduTrack - Learning Management System — *D3.js, Javascript, EJS, MongoDB, React*

- Visualizes global sales data for classroom and online courses, featuring interactive pie charts and detailed student enrollment information. Real-time sales value updates: e.g., \$5.4M total revenue, 35% online course sales growth.
- Executed user-friendly interfaces for instructors to create and manage courses, and for students to enroll, access content, and track progress causing an 8% rise in user interaction.
- Includes responsive design, data security measures, and clear setup instructions for quick deployment in competitions. Real-time numerical updates enhance user experience: e.g., 500 enrolled students, 98% data encryption compliance.

ConnectSphere — *Mongodb, JWT, React, Bcrypt*

- Developed a social media platform using the MERN stack, allowing users to sign up, create profiles, and share various types of content including text, images, and videos.
- Added real-time chat functionality, enabling users to engage in private and group conversations.
- Designed and integrated user authentication, profile management, and news feed aggregation features, ensuring a 10% faster user experience.

Dukaan | *Javascript, EJS, MongoDB, Mongodb, RESTful API*

- E-commerce website that lets users register as sellers or buyers, with product management (CRUD operations), and purchase workflows streamlining the user experience by 30%
- Integrated cross-functional shopping cart lets users add items to a cart along with integrated browsing resulting in increasing customer satisfaction ratings by 25%
- Integrated secure payment gateways to facilitate smooth transactions, ensuring a seamless shopping experience for users while prioritizing data security.

ACHIEVEMENTS

- Smart India Hackathon: Developed a Human Detection system in the prestigious SIH 2023.
- SIH @GLA University: Teamed up with 5 people to gain success in a competitive Smart India Hackathon event at the university level.
- Winner of Etheos 1.0 : First prize in coding contest at annual event IEEE.
- Solved 500+ Problems based on Data Structures and Algorithms on Leetcode, GeeksforGeeks and Codeforces.