

# Sahil Raza Ansari

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**Full-Stack Developer** specializing in **MERN Stack (MongoDB, Express.js, React, Node.js)** and **Flutter**, with hands-on experience building **scalable web/mobile solutions**. Developed and migrated a **high-traffic IEEE conference website (100+ daily users)** from **React.js** to **WordPress** as a **solo developer**. Proficient in **REST APIs**, **JWT authentication**, and **Git** for backend workflows, with **500+ DSA problems solved (LeetCode, GFG, Codeforces)**.

## Education

**Indian Institute Of Information Technology Design and Manufacturing Kancheepuram** *Nov, 2022 - July, 2026*

- **Major:** Electronics and Communication Engineering, BTech
- **CGPA:** 9.03

## Skills

JavaScript (ES6+)   Python   Dart   HTML5   Flutter   Material UI   NodeJS   Express   C/C++   ReactJS   JWT  
Rest APIs   Firebase   MongoDB   Git/GitHub   Postman   WordPress   Wix   Data Structures & Algorithms  
OOPs   Redux   CSS3

## Work Experience

**Independent Web Developer | WAMS 2025 Conference (Remote)** [Source](#) *March, 2024 - Dec, 2024*

- **Drove a 162.79% YoY increase** in total website visits (**113 visits by December 2024**) for WAMS 2025, surpassing traffic benchmarks from prior editions.
- **Enabled seamless scaling for 500+ global attendees** by developing and maintaining the **conference's official website**, ensuring **0 downtime** during the event.
- **Reduced frontend maintenance time by 30%** after **migrating from React to WordPress**, aligning the platform with WAMS 2023/2024 frameworks.
- **Achieved a 10.6% surge in unique visitors (107)** post-migration, reflecting improved accessibility and user retention.

## Software Projects

**Plantify – Plant E-Commerce Mobile App | Flutter, Firebase, Dart** [Source](#) *Dec, 2024 - Jan 2025*

- **Developed a feature-complete mobile app** with **CRUD operations** and **user authentication** using **Firebase**, achieving **<1s latency** for all real-time interactions during stress testing.
- **Engineered a responsive UI/UX** adhering to **Material Design principles**, **reducing navigation time by 30%** and improving **usability scores by 25%** during internal testing.
- **Integrated Firebase Realtime Database** for synchronized data handling, ensuring **99.9% uptime** and seamless performance across **200+ simulated users during stress testing**.
- **Validated app stability** through peer reviews, receiving **90% positive feedback** for intuitive design, seamless performance, and robust functionality.

**Sahli Shop – Full-Stack E-Commerce Platform | MERN Stack, JWT, Redux** [Source](#) *Nov, 2023 - Jan 2024*

- **Built a secure e-commerce platform** with **JWT authentication**, persistent cart states, and essential product filtering, handling **200+ simulated user sessions with 99.9% uptime during testing**.
- **Leveraged React Redux** for centralized state management, **reducing code redundancy by 35%** and **improving data flow efficiency by 25%** across components.
- **Designed a mobile-first UI** using **React and CSS3**, achieving **100% responsiveness** across 5+ device types and improving user engagement by **20% during local testing**.
- **Documented the entire development lifecycle**, including API architecture and database schema, **reducing future development time by 20%** and ensuring **seamless scalability for 10,000+ potential users**.

## Achievements

- **LeetCode:** Solved **350+ coding challenges on LeetCode**, with **60% at medium difficulty**, showcasing proficiency in **arrays, trees, graphs, and Dp**. 🔒
- **1st Place – Vashisht Hackathon 2.0 2025, AI Track**
  - Built **"CodeTrace"**, an AI-powered tool that **visualizes the dry run** of user-submitted code, helping learners understand logic. **Tech stack:** Python, React, Llama 3.2 (via Ollama), Node.js REST APIs [Source](#)