SHIVAM RAJ SINGH

Ambala,Haryana

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EDUCATION

MMEC, Maharishi Markandeshwar Engineering College, Mullana	**2022 – 2026**
B.Tech - Computer Science and Engineering - 6.86%	*Ambala, Haryana*
+2 Baijnath High School, Lakshmipur	**2020-2022**
Senior Secondary Education	*Bettiah, Bihar*

TECHNICAL SKILLS

Languages: Java, JavaScript, SQL
Developer Tools: Visual Studio Code, IntelliJ IDEA Ultimate, Eclipse IDE, Git, GitHub, Postman
Frontend: HTML5, CSS3, Tailwind CSS, React.js
Backend: Node.js, Express.js, RESTful APIs
Cloud & DevOps: AWS , Docker

PROJECTS

Doctor Appointment Booking System ⧉ / MongoDB, Express.js, React.js, Node.js, HTML5, CSS **2025**
- Built a multi-panel platform for doctors, patients, and admin, reducing manual appointment efforts by 40%.
- Developed secure RESTful APIs for managing user roles, bookings, and doctor availability.
- Integrated Razorpay for online payments and implemented real-time filters, improving booking efficiency by 35%.
- Managed 1000+ patient records with MongoDB, ensuring data security and scalability.

Weather App ⧉/ React.js, HTML5, CSS,BUILT-IN API **2024**
- Displays real-time weather data including temperature, humidity, and wind conditions.
- Integrated API error handling and optimized UX for low network conditions.
- Designed the app to handle **API response errors gracefully** and ensure consistent performance even under slow network conditions.

Library System ⧉/ Oops and DSA **2023**
- Developed a command-line based Library System to manage books, borrowing, and return Operations.
- Created a CLI-based system for book management with real-time due date tracking.
- Applied Object-Oriented Programming principles to ensure modular and maintainable codebase.
- Used HashMap and ArrayList for efficient data handling.

INTERNSHIP

CodSoft ⧉	**15 Apr – 15 May**
Web developer	*Remote*

- Built and deployed 3+ responsive web applications using **JavaScript**, improving user task completion rates by **20%**.
- Developed dynamic user interfaces with **React** and **Tailwind CSS**, increasing session duration by **25%**.
- Optimized backend APIs using **Node.js** and **Express.js**, reducing API response time by **30%**.
- Collaborated with a cross-functional team to implement scalable features, enhancing application performance.

Alpha Intern ⧉	**03 July - 17 Aug**
Web developer	

- Designed and deployed **3+ mobile-responsive web applications** using JavaScript, enhancing user task completion by **20%**.
- Created engaging and interactive UI components with **React** and **Tailwind CSS**, resulting in a **25% increase in session duration**.
- Improved backend performance by **optimizing RESTful APIs** with **Node.js** and **Express.js**, reducing response time by **30%**.
- Worked closely with designers and backend teams to deliver **scalable, high-performance features** across applications.

CERTIFICATIONS

- **Backend Development Certification** – *Physics Wallah*
- Web Development & MERN Stack 21-Day Coding Challenge
- Organizer Certificate – Alpha Hack 1.0
- Completed a 4-week DSA training program by Hitbullseye

Positions of Responsibility

Joint Assets Manager – Alpha Intern, MMDU (Jan 2023 – Jan 2024)
- Conducted technical training and internship drives for 100+ students.
- Organized coding competitions and technical events for CSE, BCA, and BBA students.