RAJIV KUMAR

Madhubani, Bihar

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EDUCATION

Chandigarh University, Punjab **2022 – 2026**
*B.E - Computer Science and Engineering - **CGPA: 8.03*** *Punjab, India*

Darbhanga Public School, Darbhanga **2021**
*Class XII - CBSE - **Percentage: 77.4%*** *Darbhanga, Bihar*

Madonna English School, Darbhanga **2019**
*Class X - ICSE - **Percentage: 84.6%*** *Darbhanga, Bihar*

EXPERIENCE

Driven and passionate 3rd-year Computer Science student with a proficiency in coding, problem-solving, and building innovative software solutions. Actively honing my skills through hands-on projects and eager to dive into real-world challenges. Ready to bring fresh ideas, a growth mindset, and a collaborative spirit to contribute to impactful tech projects.

PROJECTS

Travel Website:From Clicks to Journey ↗ | Research Paper, IJSREM **May 2024**
- Researched how AI recommendations enhance travel personalization and booking decisions.
- Tailored itineraries provide personalized travel plans based on user preferences and real-time data.
- Examined the impact of UI/UX design on user trust and engagement in travel websites.
- Explored the rise of sustainable travel and the integration of eco-friendly recommendations.

IoT-based Air Pollution Monitoring System | Arduino,MQ135 Sensor,HTML,JavaScript **August 2024**
- Developed an IoT solution to monitor air quality with real-time data displayed on a web interface.
- Integrated MQ135 sensor for detecting harmful gases and ESP8266 for internet connectivity.
- Implemented real-time air quality monitoring with alerts and alarms.
- Analyzed air quality data to detect patterns and track pollution trends over time.

Bookshop Inventory System | HTML, CSS, JavaScript **March 2023**
- Built a beginner-level web application for managing bookshop inventory with features to add, delete and check stock of books.
- Streamlined inventory management with intuitive functionality for efficient book handling.
- Designed a responsive, user-friendly interface to display book details (title, author, price).
- Styled the bookshop inventory system for a visually appealing and user-friendly experience.

TECHNICAL SKILLS

Proficient: C++, Object Oriented Programming, HTML, CSS, JavaScript,Node.js.
Familiar Tools: GitHub, MongoDB,Postman.
Areas of Interest: Web Development, Problem Solving.

ACHIEVEMENTS

- Solved 100+ Problems on LeetCode.
- Solved 100+ Problems on Striver's A2Z DSA Sheet.

CERTIFICATIONS

- Multi-Core Computer Architecture - NPTEL.
- Introduction to Databases - Coursera.
- Blockchain Technology using Ethereum and Polygon - Metacrafters.
- Received a 91% score in the course Internet of Things:Design Concepts and Use Cases - NPTEL.