

# Mansi Nahar S

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## Skills

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**Programming:** C, C++, Python, Java, JavaScript, HTML, CSS, MySQL, React, TypeScript

**Operating Systems:** Windows, Linux

**Soft Skills:** Leadership, Communication, Team Work, Self-reliance

**Creativity:** Adobe Photoshop, Canva, Figma, Adobe Express

## Education

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**S.R.M Institute of Science and Technology (SRMIST) KTR**, B. Tech in Computer Science and Engineering w/s IoT Aug 2023 – May 2027

- CGPA: 8.025/10

**St. Johns English School & Junior College**, 12th (CBSE) 2023

- Score: 76%

**St. Johns English School & Junior College**, 10th (CBSE) 2021

- Score: 82%

## Experience

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**Creatives - Associate Lead**, Founders Club February 2025 – Present

- Leading creative initiatives and design projects for the Founders Club
- Managing team coordination and creative workflows

## Projects

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### Faculty Publication System

- A web-based solution designed to handle faculty publication data
- Offers features like submission tracking, admin approvals, and record management
- Focused on enhancing transparency and reducing manual effort
- **Technologies:** JSP, Java, MySQL

### AI Recipe Generator

- Developed a personalized recipe recommendation tool using the OpenAI API to suggest meals based on available ingredients
- Built the frontend with React to ensure a responsive, user-friendly interface
- Integrated real-time API calls for dynamic recipe generation, enhancing user interaction and overall experience
- **Technologies:** React, OpenAI API

### Pet Adoption and Rescue System

- Developed a database-driven platform to support rescue centers in managing pet adoptions
- The system tracks medical and behavioral records, adoption applications, and coordinates volunteers and donations
- Improves data accuracy, simplifies workflows, and fosters better engagement between rescue centers and the community
- **Technologies:** MySQL, React.js, Node.js, Typescript, Tailwind CSS

### RFID based Payment System

- Built a contactless payment system tailored for college canteen, using RFID chips embedded in student ID cards
- Allows students to make quick and secure payments by simply tapping their ID at the counter

- Integrated AI-based checks to detect unusual activity and prevent misuse
- Enhanced transaction speed, improved efficiency, and increased transparency for both students and canteen staff
- **Type:** Hardware Project

#### **Task Scheduler**

- Designed and built a full-stack task management web application that allows users to seamlessly create, track, and organize their tasks
- Features an intuitive UI and ensures data persistence through a lightweight SQLite database
- **Technologies:** HTML, CSS, Java, JavaScript, SQLite, Spark API

#### **Certifications**

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- **Udemy C++ Programming course** - Instructor Tim Buchalka's
- **Introduction to Databases** - Coursera
- **Graphic Designing (Level 1)** - Image Creative Education

#### **Achievements**

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- **Organized Large-Scale Hackathons:** Conducted multiple hackathons with 200+ participants, showcasing leadership and teamwork
- **Public Speaking/Event Hosting:** Emceed events, managed stage interactions, and engaged audiences with a strong mic presence