Tuhina Chakravarti

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Third Year B.Tech student Computer Science and Engineering Hons. (IoT and Intelligent Systems) Manipal University, Jaipur https://github.com/ttuhina tuhinac2004@gmail.com

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Education

Year	Degree/Exam	Institute	Percentage/CGPA
2022- Present	Computer science and engineering Hons. (IoT and IS)	Manipal University, Jaipur	7.61/10
2022	XI-XII, TSBIE	Telangana State Board	90.4
2020	X, CBSE	Army Public School, Sukna	93.2

Experience

Node.js intern - Celebal Technologies

June 2024-August 2024

- Engaged in a project utilizing the Microsoft Bot Framework, MySQL, Node.js, and Express.js, focused on developing and refining skills in building intelligent chatbots and backend systems.
- Enhanced my proficiency in full-stack development using the MERN stack.

Full-Stack Web Developer Intern - Syn Steel and Bearings Co.

August 2024-present

- Currently developing a comprehensive website using HTML, CSS, and Javascript, ensuring a user-friendly interface and responsive design.

Projects

PotBot

- Developed a chatbot that handles restaurant discovery based on location, price range and cuisine, menu viewing, order placement, reservation management and order tracking.
- -It uses Express.js and node.js for backend and bot logic, MySQL for database, and Microsoft Bot Framework for building and testing. HTML and CSS was used to design the webpage.

OppSeek

- Developed a website dedicated to connecting web developers seeking internships or freelance work with companies offering paid and unpaid internships. The platform also facilitates connections between individuals requiring website development or technical assistance, and skilled professionals.
- Utilizes HTML, CSS, and JavaScript for front-end development. Employs MySQL for database management.

IoT Project: Hardware for Smart Shopping Cart

- Developed hardware and code for a shopping cart that scans products as they are added, designed to prevent crowds at stores by streamlining the checkout process.
- Uses RFID technology and employs Arduino Uno and Arduino IDE.

IoT Project: Hardware for morse code generating torch

- Developed hardware and code for a Morse code generating torch that is ideal for emergency signalling in crisis situations, outdoor activities, and remote communication.
- Developed using Arduino Uno and Arduino IDE.

Skills

Programming Languages: Python, Java, C

Web Development: HTML, CSS, JavaScript, Node.js, Express.js, PHP

Database Management: MongoDB, SQL

Embedded Systems: Arduino

Other: Bot development using Microsoft bot framework, API development and management

Positions of Responsibility

Joint Head of Content - ENACTUS Chapter, MUJ

July 2023-Apr 2024

- Contributed to the development of DHI mobile application, which serves to empower rural communities by providing access to information about government schemes, women's menstrual health resources, and educational opportunities for the underprivileged. Played a role in creating a platform aimed at bridging the information gap in underserved areas.

External Fest Co-ordinator – TMC, MUJ

Jan 2024-Apr 2024

- Facilitated management of external festivals and coordinated nationwide event participation for our club. Served as a liaison for sharing information and managing communication.

Core Committee for Major Events - Oneiros'24, MUJ

Jan 2024-Feb 2024

- Directed the organization of all major events during Oneiros'24, Rajasthan's biggest techno-cultural festival. Oversaw planning, coordination, and execution of events with unparalleled footfall, ensuring seamless operations and unforgettable experiences for attendees.