

SPANDAN CHAKRABARTY

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Projects

1. Online Student Portal: Built a web portal with personalized dashboards using Python, Flask, OpenCV and MySQL. Improved processing efficiency by 40% leveraging AI-powered features.
2. Caffeine Tracker: Full-stack web app enabling users to monitor caffeine consumption. Created interactive UI using React.js and managed database and user authentication via Firebase.
3. Recipe Finder: Web app designed with React.js to allow users fetch detailed recipe data using Spoonacular API.

Work Experience:

Technical Project Member, ADIS - Oct 2023 – Feb 2024: Involved in redesigning UI/UX for 'ADIS - Save Water App', contributed in app release on multiple platforms with successful market validation.

Leadership Roles:

1. High School Prefect (Mar 2023 - Mar 2024) - Organized school events and led social media campaigns for student engagement.
2. Environment Club Secretary (Mar 2022 - Mar 2024) - Initiated recycling efforts within school and community, administered surveys on water usage.

Volunteer Experience: Reading for the Visually Impaired at Hidden Voices India (Jun 2023 – Jan 2024) - Provided audio assistance for visually impaired people by recording educational content.

Education

University of Waterloo & Wilfrid Laurier University - Expected Graduation, Aug 2029

Program: Bachelor of Computer Science (BCS) & Bachelor of Business Administration (BBA)

GPA: 4.0/4.0