Tiji Cisily Jogy

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PROFILE

An accomplished software developer with expertise in Java, C#, and React.js, skilled in crafting dynamic web applications and robust backend systems. Proficient in optimizing code, managing databases, and leveraging cloud services, they possess a deep understanding of Agile development and version control. With a strong focus on enhancing user experience and operational efficiency, they deliver innovative solutions across a range of projects. Known for their commitment to high-quality results, they excel in collaborative environments that foster creativity and technical excellence.

EDUCATION

Advanced Diploma in Health Informatics Technology   2024 – present
Centennial College   Toronto, Canada

Bachelors in Computer Science And Engineering   2018 – 2022
Mar Ephraem College Of Engineering And Technology   Tamil Nadu, India

SKILLS

- Java
- C#
- Html
- CSS
- React

PROJECTS

Localization For Wireless Sensor Networks in Agriculture
This project leverages Wireless Sensor Networks (WSN) to optimize tomato cultivation by monitoring essential environmental factors such as temperature, humidity, and soil pH. The Cuckoo Search Algorithm is used to ensure accurate sensor placement, improving data collection and preventing yield loss due to improper localization. By integrating WSN with global optimization techniques, farmers can enhance crop production and reduce costs, making tomato farming more efficient through precision agriculture.

Decor Event App
The Decor Event App simplifies event decoration management with a user-friendly interface built using HTML, JavaScript, and React.js. Users can explore decoration options for weddings, receptions, and parties, while admins manage employees and decorations via CRUD operations. The app features a consistent navigation bar for easy access to sections like Contact us and Admin Login. A local database is used for storing all necessary data during development.