AMIT RANJAN DAS

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github.com/ExplorerSoul

SKILLS

Languages: Java, C/C++, Python, JavaScript, SQL

Technologies & Tools: Android Studio, Arduino, MATLAB, Figma, ReactJS, MongoDB

PROJECT WORKS

Hospital Management System   **July 2024**

- Implemented a terminal-based Hospital Management System using Java and JDBC connection with MySQL to optimize patient care and reduce queues.
- Demonstrated proficiency in Java programming, database management, and problem-solving skills through the development of a practical healthcare solution.
- Showcased the ability to translate theoretical knowledge into a scalable and adaptable real-world application.

SMS Billing System Project   **August 2024**

- Developed an SMS Billing System in Python that tracks user SMS usage and calculates billing based on predefined rates for local and international messages.
- Implemented user registration, SMS tracking, and report generation features, enhancing customer experience and billing accuracy.
- Utilized object-oriented programming principles to create a modular application.

UI/UX Project   **November 2023**

- Designed an intuitive UI/UX for a legal service provider application during Smart India Hackathon 2023 that enables online consultations with lawyers and facilitates easy legal document creation by notary officers.

EDUCATION

Bachelor of Technology in Electronics & Communication Engineering   **Nov 2022 - Present**
National Institute of Technology, Silchar

- Understanding of fundamental logic gates and their implementations, Engaged in Digital Signal Processing (DSP) and signal sampling, multiplexing techniques in the labs.
- Established hands on experience on software like MATLAB & AutoCAD
- Actively participated in workshops focused on Internet of Things (IoT). Engaged in Robotics workshops, enhancing practical knowledge and skills in the field.

ADDITIONAL INFORMATION

Certifications: Diploma in Computer Applications (2021), TCS iON Young Professionals (2023)

Awards/Activities: Winner of NITS Hacks 7.0 software track (2024), Participated in Dark Pattern Busters Hackathon 2024, Participated in Smart India Hackathon 2023, Incubation at Startup center at NIT Silchar (2023)