Sumit Kumar

sumitkumar918403@gmail.com | 8407075781 | LinkedIn | Github

Work Experience

EduSkills AICTE Virtual Internship   *July – September 2024*
Android Developer Intern

- Developed an Android application, Juice Tracker, using Kotlin and Jetpack Compose, focusing on modern UI design and state management.

- Gained hands-on experience with Android development best practices, including MVVM architecture and Jetpack libraries.

- Improved key app functionalities such as user input tracking, dynamic UI updates, and data persistence to enhance user engagement.

Education

G.L Bajaj Institute of Technology and Management, Greater Noida   *2022-26*
B.tech in Information Technology

Projects

TransformoDocs web Application

- Developed a machine-readable document management system to restrict non-machine-readable document ingestion and automate document transformation.

- implemented using Python, OCR (Tesseract), Flask, and processing for enhanced automation and accessibility.

- Enabled seamless integration with external systems, improving data quality, scalability, and interoperability across applications.

Prakriti Nidesh

- Developed a web application for Indian coal mines to quantify carbon emissions and explore carbon neutrality pathways.

- Designed data visualization tools to track emission trends, assess renewable energy adoption, and support sustainability goals.

- Implemented activity-wise carbon footprint estimation, emission reduction strategies, and afforestation-based offset calculations.

Skills

Front-end: HTML, CSS, JavaScript, Bootstrap.
Back-end: Java, Python, MySQL, RESTful API design.
Tools: Git and Github, VS-code, Linux.
Computer science fundamental: DBMS, DSA, OS, OOPs.

Achievements

- Completed NPTEL certification in Data Structures and Algorithms in Java.

- Participated in Smart India Hackathon(SIH) 2024 contributing to innovative solutions.

- Solved over 200 problems on LeetCode and GeeksforGeeks, enhancing problem-solving and algorithmic skills.

- Volunteered in Hackfest'24, at GLBITM, contributing to event organization and coordination.