Shreya Mohanty

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Technical Skills

Languages: Java, Python, C/C++, SQL, HTML/CSS, Kotlin, Arduino, Jetpack Compose

Experience

Core Member   Feb. 2023 – Present
IoT Lab, KIIT   Bhubaneshwar, Odisha

- Collaborated as a member of the IoT Lab at KIIT, gaining hands-on experience with various sensors, including accelerometers, ESP8266, Tilt sensor, PIR sensor, NodeMCU, and working with data visualization platforms like Thingspeak.
- Proficient in Arduino programming, utilizing Arduino code to develop projects and enhance sensor functionality.

Participant   May 2023 – July 2023
GirlScript Summer of Code   Remote

- Participated in the GirlScript Summer of Code program, a three-month-long open-source initiative that provides a platform for students to collaborate on projects and contribute to the open-source community.
- Acquired proficiency in popular open-source tools, version control systems (e.g., Git), collaborative platforms (e.g., GitHub), and issue tracking systems.

Projects

Words App | *Kotlin, Jetpack Compose*   June 2023

- Developed a Words App using Kotlin that allows users to explore a collection of words and their meanings.
- Integrated a letter selection feature where clicking on a letter generates another fragment displaying a list of words starting with that letter.
- Enhanced user experience by integrating a click functionality on the words, which triggers a search on Google to display the meaning of the selected word.

Calculator App | *Kotlin, Jetpack Compose*   June 2023

- Developed a basic calculator app using Kotlin and Jetpack Compose.
- Integrated day and night mode functionality, adapting the app's appearance based on the system UI settings.

Hotel Management System | *Java*   Jan. 2022

- Developed a Hotel Management project using Java, focused on basic functionalities for managing hotel rooms, reservations, and guest information.

Education

Kalinga Institute of Industrial Technology   Bhubaneshwar, Odisha
Bachelor of Technology in Computer Science and Engineering   Oct. 2021 – 2025