

# Shreya Mohanty

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## TECHNICAL SKILLS

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

**Frameworks:** Material-UI

**Developer Tools:** Git, Android Studio, PyCharm, IntelliJ

**Libraries:** pandas, NumPy, Matplotlib, NLTK, PyTesseract, SciKit, Pillow

## EDUCATION

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**Kalinga Institute of Industrial Technology**

*Bachelor of Technology in Computer Science and Engineering*

Bhubaneswar, Odisha

*Aug. 2021 – July 2025*

## EXPERIENCE

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**Core Member, IoT Domain**

Feb. 2023 – Present

*IoT Lab, KIIT*

*Bhubaneswar, 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.

**Contributor**

May 2023 – Aug. 2023

*GirlScript Summer of Code*

*Remote*

- Participated in the GirlScript Summer of Code program, an 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

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**I'm Feeling Lucky Dictionary** | *Kotlin, Jetpack Compose*

June 2023

- Developed a Android App using Kotlin that allows users to explore a collection of words and their meanings.
- Implemented letter selection for quick word filtering.
- Integrated click functionality on words to instantly search Google for meanings.
- Showcased proficiency in Kotlin and user-centered app design.

**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.

**Question Paper Analyzer** | *Python, SciKit, NLTK, PyTesseract*

July 2023 - Present

- Designed OCR-powered tool for efficient question extraction from PDFs.
- Employed NLTK and Scikit Learn for accurate topic modeling.
- Visualized prevalent topics using Matplotlib for intuitive comprehension.
- Demonstrated adeptness in NLP, machine learning, data visualization, and Python proficiency.