

# LAKSHYA SWARUP

Software Development Engineer

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[LeetCode](#) | [Portfolio](#) | [Linkedin](#) | [GitHub](#)

## EDUCATION

**Vellore Institute of Technology**  
Computer Science and Engineering B.Tech  
CGPA: 8.5

Andhra Pradesh  
August 2020 - July 2024

**Narayana E-Techno School**  
Senior Secondary CBSE  
Percentage: 82%

Bangalore, Karnataka  
August 2018 - July 2020

## EXPERIENCE

**Null Chapter | Technical Associate** Vellore Institute of Technology - AP | Jan 2023 - Jul 2023

- A CTF (Capture the Flag) challenge was organized, and questions based on the topics of steganography and cryptography were developed.
- An Escape Room event was organized, contributed to the creation of questionnaires and theme designs focused on cyber security.

**Null Chapter | Creative Advisor** Vellore Institute of Technology - AP | Jul 2022 - Jan 2023

- Designed HD posters and videos for Capture the Flag (CTF) events using Canva and DaVinci Resolve.
- Designed numerous Escape Room event posters and edited a video in high definition using Canva.

**Math Club | Treasurer & Creative Lead** Vellore Institute of Technology - AP | Jul 2021 - Jul 2022

- Administered event budgets in the administrative department, ensuring efficient fund utilization. Supported event management for program success.
- Designed event posters in the Creative Department using Adobe Photoshop, Premiere Pro, Spark, and Canva for occasions like Sir Ramanujans Birthday, Pi Day, and Sir Ramanujans Death Anniversary.

## SKILLS

Programming Languages: C++, Java, Python, C, Kotlin, R Programming  
Libraries/Frameworks: HTML, CSS, JavaScript, React, NextJS, Framer, Express  
Tools / Platforms: Android Studios, Anaconda, Google Collaboratory, Visual Studio - Code, Pycharm, Canva, Adobe, Windows, Linux, iOS, Android

## PROJECTS / OPEN-SOURCE

**Robotic Hand** *Arduino UNO, C Language and Flex Sensors*

- Built a hand replica system using custom flex sensors to capture and mimic the users hand movements.
- Incorporated a sophisticated wired system using Arduino and Bluetooth for seamless real-time replication of hand movements between both hands using servo motor.

**Portfolio Website | [Link](#)** *Next JS, Tailwind CSS & Framer Motion*

- Highlighting expertise in modern web development using Next.js for optimized rendering, Tailwind CSS for efficient styling, and Framer Motion for smooth animations.
- Demonstrating ability to apply technical knowledge to create real-world projects, showcasing design, coding skills, and user experience understanding.

## CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals - [Microsoft](#)
- Microsoft Certified: Power Platform Fundamentals - [Microsoft](#)
- IBM Ceritified Introduction to Cloud Computing - [Coursera](#)
- Cloud Technical Series '23 - [Google Cloud Asia Pacific](#)
- Developer Virtual Experience Program - [Forge](#)
- Fundamentals of Deep Learning - [NVIDIA](#)
- Oracle Cloud Infrastructure Foundations Associate - [Oracle](#)