

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 Certified 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**