LAKSHYA SWARUP

Software Development Engineer

lakshyaswarup2016@gmail.com | +917619206420 | Bangalore, Karnataka - 562125

LeetCode | **Portfolio** | **Linkedin** | **GitHub**

EDUCATION

Vellore Institute of Technology   Andhra Pradesh
Computer Science and Engineering B.Tech   August 2020 - July 2024
CGPA: 8.5

Narayana E-Techno School   Bangalore, Karnataka
Senior Secondary CBSE   August 2018 - July 2020
Percentage: 82%

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.

Movie Recommender System   *Python, Streamlit, TMDB API*
- Developed a Python-based movie recommendation system using Streamlit, which suggests movies similar to a user-selected movie, enhancing the user experience with visually appealing movie posters fetched from the TMDB API.
- This project demonstrates the ability to apply technical proficiency in Python and data science to create a user-friendly movie recommendation system, showcasing problem-solving skills and UX design in the entertainment domain.

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 - **Forage**
- Fundamentals of Deep Learning - **NVIDIA**
- Oracle Cloud Infrastructure Foundations Associate - **Oracle**