

# Sreelakshmi S

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## Profile

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A skilled computer application professional currently undergoing C++ training at UST. This hands-on training is enhancing my proficiency in software development. Backed by hands-on projects, certifications, and research publications, I am committed to expanding my knowledge and skills to make a positive impact in the field of technology.

## Professional Experience

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**Developer-1 Software Engineering, UST** 03/2025 – present | Chennai, Tamil Nadu

- Currently enrolled in an intensive C++ training program focused on both foundational and advanced programming concepts, aligned with industry standards and best practices.
- The training encompasses key areas including Object oriented design, efficient memory handling, multi-threading and generic programming using templates.
- Engaged in real-world project simulations and scenario-driven coding challenges to strengthen practical understanding and problem-solving skills in a software development context.

## Education

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**Master Of Computer Application, Amrita School Of Computing** 2022 – 2024 | Amritapuri, Kerala  
CGPA:6.6

**Bachelor Of Computer Application, Amrita vishwa Vidyapeetham** 2019 – 2022 | Amritapuri, Kerala  
CGPA:7.21

**Higher Secondary, Metropolitan Higher Secondary School, Chengannur Kerala** 2017 – 2019 | Chengannur, Kerala  
Percentage:78%

**10th Standard, St.Anne's G.H.S** 2016 – 2017 | Chengannur, Kerala  
Percentage:84%

## Skills

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### Primary

C++,C

### Secondary

Python, SQL, HTML, CSS

## Projects

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**Malware Detection System Of APK Files Using Deep Learning Technique, Major Project of MCA**

Language: Python Tools: Androguard, APKTool, DBN, GRU

This project presents a deep learning-based Android malware detection system that analyzes APK files using static and dynamic fetures with Deep Belief Networks(DBN) and Gated Recurrent Unit(GRU).

**Movie Recommendation System Based On Emotion Detection Using Machine Learning Techniques,**

Minor Project of MCA

Language: Python Tools: OpenCV, DeepFace

This project introduces a real-time emotion based movie recommendation system that uses OpenCV ,DeepFace to detect facial emotion via web cam and suggests movies using content based filtering.

## **Publications**

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**Movie Recommendation System Based on Emotion Detection Using Machine Learning Techniques,**  
International Conference on Information Technology, Electronics and Intelligent Communication Systems(ICITEICS)

## **Courses**

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**Inroduction to DevOps,** IBM

**Power BI(Preparing Data for Analysis with Microsoft Excel),** Microsoft

## **Workshops**

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**Design Thinking,** Organized by Amrita TBI

**AR Application Development using Unity,** Organized by TILTEDU

## **Languages**

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- English
- Malayalam
- Hindi