

SREEJA LINGA

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PROFILE

Self-motivated, highly passionate, and hardworking fresher looking for an opportunity to work in a challenging organization to utilize my skills and knowledge to work for the growth of the organization. I work efficiently both as an individual as well as along with a team.

EDUCATION

ST. THERESA HIGH SCHOOL

2020

ICSE PERCENTAGE - 92.3%

2022

DEEKSHA JUNIOR COLLEGE

INTER (MPC) PERCENTAGE - 98.5%

REENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY

2026

B.TECH (CSE) CGPA - 9.59

TECHNICAL SKILLS

PROGRAMMING LANGUAGES

- C, JAVA, PYTHON, DATASTRUCTURES
- DBMS, COMPUTER NETWORKS, OPERATING SYSTEMS

PROJECT

BALANCED BINARY TREES: From BST to AVL

THIS PROJECT FOCUSES ON THE CREATION, OPTIMIZATION, AND BALANCING OF TWO IMPORTANT BINARY TREE STRUCTURES: THE **BINARY SEARCH TREE (BST)** AND THE **AVL TREE**. THE PRIMARY OBJECTIVE OF THE PROJECT IS TO DEMONSTRATE THE PROCESS OF BUILDING A BINARY SEARCH TREE AND CONVERTING IT INTO A SELF-BALANCING AVL TREE. THROUGH THIS, WE AIM TO IMPROVE THE EFFICIENCY OF SEARCH, INSERTION, AND DELETION OPERATIONS, PROVIDING A DEEPER UNDERSTANDING OF HOW SELF-BALANCING MECHANISMS HELP MAINTAIN OPTIMAL PERFORMANCE IN DATA STRUCTURES.

INTERNSHIPS AND CERTIFICATIONS

- ANDROID DEVELOPER VIRTUAL INTERNSHIP
- NPTEL - THE JOY OF COMPUTING USING PYTHON
- ANDROID APP DEVELOPMENT WORKSHOP
- ETHICAL HACKING WORKSHOP

STRENGTHS

Optimistic

- Self - Motivated
- Adaptability

DECLARATION

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Sreeja Linga