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LinkedIn

[linkedin.com/in/rachana-vangur-17657327a/](https://www.linkedin.com/in/rachana-vangur-17657327a/)

Github profile

github.com/Rachana-Vangur

Skills

- Basic Web Designing
- Problem Solving (Medium level)
- Good Communication

Languages

- C
- C++
- Java
- HTML / CSS

Hobbies

- Learning about tech industry
- Watching movies.
- Listening to music

Rachana Vangur

Student / Sophomore

I am a student who is passionate in Computer Science and Engineering and eagerly waiting to contribute my skills and creativity for the betterment of team and company.

Projects

Experimental Operating System

An Experimental OS running on a simulated machine called xsm (experimental string machine). I have written system interrupts like write, disk-interrupt, etc.... I have written modules like Memory Manager, File Manager, Disk Manager, etc... system calls like fork, exec, etc... and exception handlers. This project made me understand primitives like inodes, schedulers, processes, forks, etc... also implemented a basic shell.

written in: xsm, expl, spl

repo-link : github.com/Rachana-Vangur/ExpOS

Text Compressor

A text compressor using the Huffman Encoding Algorithm analyzing frequencies of characters in text. to efficiently store as files.

written in: java

repo-link : github.com/Rachana-Vangur/Data-Compression

Education

Kakatiya Institute of Technology and Science, Warangal

2022 - Present

Current CGPA : 8.98

SR Junior College for girls, Hanamkonda, Warangal.

2020 - 2022

Score : 981/1000

Shine High School, Hanamkonda, Warangal.

2020

GPA : 10

Participations

Web Carnival

Participated in a college portfolio making contest.

Smart India Hackathon (SIH)

Participated in SIH with an idea to create an incentivised website for legal workers to connect them to clients.