

Shreevathsa BK

Enthusiastic student eager to apply knowledge of project coordination and problem solving to achieve company goals. Dedicated to working hard to make positive contributions.



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WORK EXPERIENCE

Intern

Muxable

Project assigned

- Implementing Flexible Forward error correction for [pion](#)

PROJECTS

FlexFEC

- RTP packet recovery algorithm that follows the IETF Specification [Flexible Forward Error Correction](#)
- Create and send repair packets on the sender side along with source packets to recover lost packets on receiver side.
- Tools/Language : **Golang**

Mimic HDFS

- Simulation of a Hadoop distributed file system
- Commands supported : put, cat, ls, rm, mkdir, rmdir, mapreduce
- Tools/Language : **Python**

Huffman-coding-file-compressor

- Compress and decompress text files
- Tools/Language : **C++**

SortViz

- A sorting visualizer for visualizing various sorting algorithms
- Bubble sort, Insertion sort, Selection sort, Merge sort, Quick sort
- Tools/Language : **Python, Pygame**

Expense tracker

- An application to track all your expenses
- Add/delete expense, Bar chart, Pie chart, generate PDF
- Tools/Language : **MongoDB, Express, NodeJS, React**

Customer Billing system

- A bill generator for shops
- Add all items and quantities to get a bill
- Tools/Language : **C**

EDUCATION

B.Tech CSE

PES University

2019 - 2023

GPA : 8.92

PCMB

Masters PU College

2017 - 2019

Percentage : 96.33

SKILLS

C/C++

Python

Golang

HTML

CSS

Javascript

ReactJS

NodeJS

ExpressJS

MongoDB

SQL

Data structures

ACHIEVEMENTS

KCET Rank 351

Weekly top 5 of ACM-W X alcoding

[Certificate](#)

LANGUAGES

English

Professional Working Proficiency

Kannada

Native or Bilingual Proficiency

Hindi

Limited Working Proficiency

INTERESTS

problem solving on platforms like leetcode, GFG, binarysearch.com

Solving real world problems using computer science

Solving the rubik's cube

Listening to music

Playing cricket