Shreevathsa B K

B Tech Computer Science
PES University, Bengaluru

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 GitHub Profile
 LinkedIn Profile

EDUCATION

- **PES University, Bengaluru** *2019-23*
B Tech in Computer science CGPA : 8.94

- **Masters Pre University college, Hassan** *2017-19*
Physics Chemistry Mathematics Biology Percentage: 96.33

EXPERIENCE

- **Intuit** 🔗 *Jan-Jul 2023*
Software Engineer Intern Bengaluru, on site
  - Implemented Import budget feature for quickbooks budgeting. It allowed users to downlaod a csv template of a budget and enter the values. On a valid upload the budget gets created in the quickbooks budgeting.
  - Tools/Language: **React, Jest, Cypress**
  - Developed a tool to quick sync databases between monolith and microservice. It allowed developers to quickly compare and sync the two databases in case of a parity issue.
  - Tools/Language: **Java, Spring Boot, Insomnia, PgAdmin, SQL**

- **Muxable** 🔗 *Jun-Jul 2022*
Intern New York, remote
  - Worked on implementing Flexible Forward Error Correction **FlexFEC** 🔗
  - Tools/Language: **Golang**

PERSONAL PROJECTS

- **Expense tracker** 🔗

Expense tracker to track daily expenses made using MERN Stack

  - Allows user to perform CRUD operations on expenses
  - Import and export expenses through csv
  - Visual representation of expenses through graphs
  - Tools & technologies used: **Mongo, Express, React, Node, Postman**

- **Mimic HDFS** 🔗

Simulation of Hadoop Distributed File System

  - Commands supported : **put, cat, ls, rm, mkdir, rmdir, mapreduce**
  - Heartbeat and Zookeeper to check the status of data and meta data
  - Fault tolerance provided to recreate the lost data using replicas
  - Tools & technologies used: **Python**

- **Huffman-coding-file-compressor** 🔗

Compress and decompress text files using the huffman coding algorithm

  - Tools & technologies used: **C++**

- **Sortviz** 🔗

A sorting visualizer for visualizing various sorting algorithms

  - Bubble sort, Insertion sort, Selection sort, Merge sort, Quick sort
  - Tools & technologies used: **Python, Pygame**

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Javascript, C/C++, Java, Golang, SQL
Developer Tools: Postman, PgAdmin, VSCode, Intellij
Frameworks: React, Jest, Cypress
Coursework: Data Structures and Algorithms, Database Management System, Operating System, Computer Networks, Object Oriented Programming
Areas of Interest: Full Stack Development

ACHIEVEMENTS

- **Karnataka CET** State Rank 351

- **ACM X alcoding** Weekly top 5 of ACM X alcoding | certificate 🔗