







Shreevathsa B K
B Tech Computer Science
PES University, Bengaluru

+91-9481371521
✉ shreevathsabk01@gmail.com
🐙 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**  Aug 2023 - Sep 2024
Software Engineer 1 Bengaluru, on site
 - Worked in **Quickbooks Online**, on a **SpringBoot** service utilizing **GraphQL** for flexible API querying, which uses **PostgreSQL** as the backend database and **Kafka consumer** for message consumption. Developed the APIs for all the CRUD operations and contributed to the kafka consumer implementation
 - Worked on **react** based frontend applications which used **redux** as state management
 - Added Automation test cases in frameworks like **Karate** and **Playwright**
 - Created **Splunk** dashboards and **Wavefront** alerts for monitoring
- **Intuit**  Jan-Jul 2023
Software Engineer Intern Bengaluru, on site
 - Implemented new features such as Import budget feature for **Quickbooks budgeting** using **react-redux**, which allowed users to download a csv template of a budget and enter the values. On successful upload, the budget gets created in the Quickbooks budgeting.
 - As part of modernizing a monolithic architecture into a microservice, developed a tool that helped to compare two records of different databases, and quickly sync data in case of a parity issue. This helped to minimize risk of errors, and improved data consistency
 - Tools/Language: **SpringBoot, Java**
- **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**

ACHIEVEMENTS

- **Karnataka CET** State Rank 351
- **ACM X alcoding** Weekly top 5 of ACM X alcoding | certificate 