Shreevathsa B K

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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** *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