Komal Reddy Koukuntla

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY
BTech in Computer Science
2024 | Imphal,Manipur
Cum. GPA: 9.43 / 10.0

SRI CHAITANYA JUNIOR COLLEGE
Intermediate
2020| Hyderabad, Telangana
Percentage : 97.6

SRI CHAITANYA TECHNO SCHOOL
10th Standard
2018| Hyderabad, Telangana
Cum. GPA: 10.0 / 10.0

LINKS

LinkedIn:// **komalreddyk**
Github:// **komalreddy3**
Leetcode:// **koukuntlakomalreddy3**
GeeksForGeeks://
koukuntlakomalreddy3
CodeStudio:// **komalreddyk**

COURSEWORK

UNDERGRADUATE
Data Structures and Algorithms
Object Oriented Programming
Operating Systems
Database Management System
Computer Networks
Information Storage and Retrieval

SKILLS

C • C++ • Go • Python
HTML • CSS • JavaScript
Machine learning • PgSQL
Linux •Bash Scripting
Familiar:
Docker • Kubernetes• Helm

TOOLS AND FRAMEWORKS

VSCode • Git and GitHub
NumPy • Pandas • Scikit-Learn •
Matplotlib • SciPy • Seaborn
Bootstrap • jQuery •ReactJS • NodeJS
Familiar:
ExpressJS• MongoDB

EXPERIENCE

APPZOY | Software Engineer | 06/2024 - Present (Bangalore,India)
- Developed and implemented key features in a secure medical records web app (SVAIM), including patient notes and report templates, enhancing collaboration between healthcare practitioners.
- Utilized ReactJs, NodeJs, and DICOM to create efficient, user-friendly interfaces, delivering improvements in web app.

DEVTRON INC | SDE | 06/2024 - 06/2024 (Gurgaon,India)
- Implemented a NATS Pub-Sub model as middleware, facilitating seamless communication between orchestrator and notifier components, reducing message latency by 30 percent
- Led the development of an auto-remediation system in Go, incorporating a watcher mechanism to monitor Kubernetes events, resulting in atleast 50 percent reduction in manual intervention

DEVTRON INC | SDE Intern | 01/2024 - 05/2024 (Gurgaon,India)
- Developed and optimized APIs using Go, enhancing Devtron's CLI with commands for managing update, deletion, and notification settings

PROJECTS

ATTENDANCE MANAGEMENT SYSTEM link: Attendance Management System
- Developed a School Attendance Management System using Golang and React.js, employing Zap sugared logger with RESTful APIs, Gorilla Mux for routing, and PostgreSQL as the database.
- Implemented JWT-based authentication and authorization, utilizing Kubernetes for container orchestration and integrated with Devtron using Helm charts for streamlined deployment.

MOVIE RECOMMENDATION SYSTEM | Major Project
Link : Movie Recommendation System - Collaborative Filtering
- Led a team of 6 members as Project Manager in developing Movie Recommendation System using Collaborative Filtering, Achieved accuracy score of 97.47 percent using content based recommendation
- Hosted the system on Streamlit open-source app framework after assessing the pros and cons of popularity and content-based approaches

PORTFOLIO WEBSITE link: portfolio-komalreddyk
- Designed and developed a personal portfolio website using ReactJS. Hosted using Github Pages

ACHIEVEMENTS

CODING
- Contest rating of 1622 on Leetcode, Top 19.26 percent on Leetcode
- *Position of Responsibility* Teaching Assistant for Course : Intro to C++ and Datastructures in C++