

Komal Reddy Koukuntla

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY

BTECH IN COMPUTER SCIENCE
Present | Imphal, Manipur
Cum. GPA: 9.38 / 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 • Competitive
Programming • PostgreSQL
Linux • Bash Scripting
Familiar:
Docker • Kubernetes • Helm

TOOLS AND FRAMEWORKS

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

EXPERIENCE

INNOMATICS RESEARCH LABS | DATA SCIENCE INTERN | 02/2023 - 05/2023 (REMOTE)

- Worked on projects like URL Shortener, Regex Matcher and many case studies like dominoes delivery, laptop pricing.
- Developed a Movie Recommendation System in a team of 6 members using Collaborative Filtering, deployed via Streamlit

INEURON.AI | PROJECT INTERN | 01/2023 – 03/2023 (REMOTE)

- Worked on Restaurant Rating Prediction using Zomato Restaurants in Bangalore data set, model used is Extra Tree Regressor, deployed locally.

PROJECTS

ATTENDANCE MANAGEMENT SYSTEM [LINK: ATTENDANCE MANAGEMENT SYSTEM](#)

- Developed a School Attendance Management System using Golang and React JS.
- Implemented microservices architecture with RESTful APIs using Gorilla Mux for routing, PostgreSQL as the database, JWT token for authentication and authorization
- Employed Zap sugared logger for efficient logging, Conducted unit tests to validate the functionality of individual components
- Utilized Kubernetes for container orchestration, integrated with Devtron using Helm charts.

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 with Boxicons and Unicons for modern iconography.
- 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++

OLYMPIADS

- INTSO Mathematics Finalist, Ranked 1st in School (2x gold medals)
- Secured 5339th position Internationally in SOF Olympiad