Kritika Rag

✉ kritikarag.kr@gmail.com   ◯ GitHub   in LinkedIn   ⟨ LeetCode   ⥷ Codeforces

EDUCATION

Bachelor of Technology- Computer Science Engineering   10/2020 – 07/2024
Manipal University Jaipur   Jaipur, India
- Minor- Data Science
- CGPA-9.35/10 until 6th semester

EXPERIENCE

Technical Content Engineer Intern   06/2023 – present
GeeksForGeeks
- Created 10+ easy-to-medium level DSA questions that were used by the organization while holding coding competitions and hiring challenges on their platform.
- Created and reviewed 60+ technical editorials for their platforms

Problem Setter & Content Reviewer Intern   11/2022 – 06/2023
Scaler Academy
- Designed 20+ problems based on Data Structures & Algorithm
- Reviewed 150+ articles and built 30+ tests for courses involving Golang, C/C++ and Data Structures

PwC Launchpad Trainee   03/2023 – 06/2023
PwC
- Through 4 training modules learned the fundamentals of Software Engineering, Machine Learning and Data Engineering
- With around 30+ coding exercises and quizzes, gained insights about topics like SDLC, OLAP, OLTP, ETL, data pre-processing, Exploratory Data Analysis, data visualization and Database Management System

PROJECTS

Task Management System ⦿
Golang, MySQL
- A backend application developed using the Gin framework for building RESTful APIs.
- Designed and implemented a scalable CRUD API for the task management system, allowing the client to create, retrieve, update, and delete tasks effortlessly.
- The project utilizes an SQL database (MySQL) to store and manage data. It uses SQL queries to interact with the database and retrieve, create, update, and delete records.

Depression Risk Analysis Using Spotify and Twitter Data ⦿
Data Analysis, Python, Deep Learning
- Examined the connection between listening to music while streaming and daily-to-daily activity on Twitter with the chance of developing depression by generating upto 23 different datasets using PCA over a user's real-time records
- Tested the datasets over 5 different models and was able to achieve the highest accuracy of 91.34%

Blog API ⦿
Express.Js, Node.Js
- A backend application developed using express and node that facilitates users to fetch blogs, write blogs to the server, delete blogs, and even filter blogs with various parameters.
- The application has been developed by utilizing a RESTful API and a MongoDB database, enabling users to perform various actions within the application, such as creating, retrieving, filtering, and deleting blogs.

SKILLS

- **Programming**: C, C++, Python, HTML, CSS, Data Structures, OOPs, Golang
- **Database:** MySQL, MongoDB
- **Tools/Libraries:** Jupyter, VS Code, GitHub
- **Others:** Debugging, SDLC, Operating System, Computer Networks

ACHIEVEMENTS

- GATE 2023 Qualified
- JPMC Code For Good 2023 Finalist
- Cisco Ideathon 2023 Finalist
- Harvard WEAmplify'23 Scholar
- Won the award for the best idea at ACM Mini Hacks 2.0
- 3-star coder at Code Chef (max rating: 1780)
- Max Rating 1867 on Leetcode (top 5.4 percent) - Knight Badge
- Selected as Top 150 Finalist for Flipkart Runaway 2.0 out of 13,500+ applicants
- Beholding an institutional rank under the Top 10 out of 2500 students on GeekforGeeks
- Google Kickstart 2022 Best Global Rank - 991
- Selected as one of the top 350 Publicis Sapient Jumpstart 2022 Finalists among 13,000+ participants.
- Secured a rank among top 100 in the American Express Techgig Coding Contest 2022 Finale and 2023 Finale