

GIRISH KUMAR GOYAL

Competitive Programmer | Developer

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ABOUT ME

Results-driven Competitive Programmer and Software Developer with a strong foundation in data structures, algorithms, and efficient coding practices. Adept at solving complex problems under time constraints and building robust, scalable software solutions. Continuously engaged in coding contests and passionate about writing clean, optimized code. Eager to contribute technical expertise and innovative thinking to impactful projects.

SKILLS

C++

Python

Latex

TypeScript

JavaScript

DSA

Algorithms

Kali Linux

Arch Linux

Ubuntu

Zorin

GIT

Github

Docker

SQL

NoSQL


React

Native

Firebase

Node JS

EXPERIENCE



Frontend Intern


Knoldus LLP

10/2021 - 03/2022 Noida

Knoldus LLP is a technology consulting company specializing in building intelligent digital solutions using **Scala, Functional Programming, AI/ML**, and modern DevOps practices.

- Develop a panel for a client with the team with best frontend and backend work with the framework like Angular and React with Docker and Kubernetes and CI/CD.
- Responsibility of API integration handling and HTTPS requests in the Project and UI Designing of the project with Angular
- Collaborated with team members using Git and Agile methodologies
- Work with Frontend Team in the Leaderboard Project in Angular and Typescript


EDUCATION



B.Tech Computer Science and Engineering

GL Bajaj Group Of Institutions Mathura

08/2018 - 07/2022



Intermediate

smt Sridevi Awasiya Vidhyapeeth Agra

03/2017 - 03/2018

LANGUAGES

English

Advanced

Hindi

Proficient

PROJECTS

Modern Portfolio

07/2023 - 11/2023 India

Built a **modern, responsive portfolio** using **React.js** and **Material UI** to showcase projects, skills.

- Developed a modern, responsive personal portfolio website using **React.js** and **Material UI**, showcasing projects, skills, and contact information with a clean, user-friendly interface.
- Optimized performance and SEO with **lazy loading**, **meta tags**, and **responsive design best practices** for smooth experience across devices.

Web Based Ubuntu Terminal

10/2023 - 03/2024 India

Built an interactive web terminal emulator mimicking Ubuntu's CLI experience using **React.js**, **custom hooks**, and dynamic command parsing.

- Implemented core terminal commands (ls, cd, clear, etc.) with a **modular command handler**.
- Designed a sleek, responsive UI with **keyboard-first interaction**, and handled real-time command output rendering for an authentic terminal feel., supporting nested directories and command history.

Data Structures Handbook

05/2024 - 09/2024 India

Authored a **comprehensive Data Structures handbook** using **LaTeX**, featuring C++ code, diagrams, and algorithm analysis for competitive programming.

- Authored a comprehensive handbook covering key data structures (arrays, linked lists, trees, graphs, etc.) with **detailed explanations**, **C++ code examples**, and **visual diagrams**.
- Integrated **algorithm complexities**, real-world use cases, and problem-solving patterns tailored for **competitive programming**.

Coding Club Website (In Development)

09/2024 - Present India

Coding Club Website for Personal and Colleges.

- Leading the development of a dynamic website for a coding club to showcase events, achievements, and member contributions using **React.js**. Designing a **responsive UI** with modern layouts and interactive components for an engaging user experience.
- Implementing **modular components** and planning integration with **backend APIs** for real-time content updates.
- Focusing on performance, accessibility, and future scalability with clean code and reusable architecture.