Vikas Kushwaha

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LeetCode | GeeksForGeeks | CodeChef | Portfolio

EDUCATION

Indian Institute of Information Technology(IIIT), Nagpur   Dec 2020 - June 2024*
*B.Tech in Electronics and Communication Engineering (**CGPA** - **7.73**)*   *Maharashtra, India*

B.N.S.D. Shiksha Niketan, Kanpur   June 2019
*Higher Secondary - **Percentage** - **82.6%***   *Uttar Pradesh, India*

EXPERIENCE

IEEE Bombay Section & Alhansat Solutions   Dec 2022 - Feb 2023
Full Stack Developer Intern | Certificate | GitHub | Live
- Developed Dummy Text Generator tool using the **Svelte** framework and external **API.**
- Formulated & executed a plan for a team of 5 members to complete the tool, resulting in a successful launch.
- **Led the team** in identifying issues and implementing corrective plans, improving team cohesion.
- Tech Stack - **Svelte Framework, Figma, API**

PROJECTS

Cafex: Java, Swing, MySQL | GitHub | Video   **Nov 2022**
- Utilized **Object Oriented Programming** Structure in Java to develop a **Cafe Management System** featuring **CRUD** functionalities and capable of interacting with **MySQL** Database.
- Constructed frontend using **Swing Framework** paired with comprehensive Admin-side abilities including client approval, product addition/deletion, and category addition.
- Implemented an extensive User Interface enabling **Sign up, Order Functionality**, and viewing of transaction histories by admin.

WeChat: React JS, Sass, Firebase | GitHub | Live   **Mar 2022**
- Developed a **Realtime Chat Application** using **React JS, Firebase** with **user authentication** and **messaging features**, tested by **30+ users**.
- Designed a fully responsive interface for the application using the **Sass framework** and Stored all user and chat data in the **Firestore database** for easy retrieval and management.

YouTube Clone: React JS, Tailwind CSS, Rapid API | GitHub | Live   **Feb 2023**
- Implemented **React JS** concepts such as **States, Hooks, Props**, etc. & **Tailwind CSS** to develop & design a YouTube clone with diverse functionalities.
- Integrated **YouTube Rapid API** to retrieve data and built features like navigation to different categories from a menu bar, and Search panel to filter results, and playback videos with **Responsive Design**.

MetroWay: C++, Data Structure | GitHub   **Aug 2022**
- Developed MetroWay, a **CLI-based** project leveraging **Dijkstra's Algorithm** and **STL Containers**.
- Calculate and visualize the Shortest distance between Delhi Metro stations, **reducing route time by 30%**.
- Leveraged data structures to build a 2D array for **Fare calculations** & generate graph images from a .dot file created using **File handling** from stored data for improved visualization.

TECHNICAL SKILLS

Courses: Data Structures & Algorithms, Object Oriented Programming, Database Management, Operating System
Programming Languages: C/C++, Java(Core), SQL, Python
Frontend: HTML, CSS, Sass, JavaScript, jQuery, React JS, Redux, Bootstrap
Backend: Node JS, Express JS, MongoDB, MySQL
Developer Tools: GIT, GitHub, Linux, Firebase, Cloud, AWS
Soft Skills: Leadership, Team Player, Project & Time Management

ACHIEVEMENTS

- Secured **4030** Global Rank on **LeetCode** among 26k+ participants in LeetCode **Biweekly Contest 110**.
- Secured **3535** Global Rank on **LeetCode** among 17k+ participants in LeetCode **Biweekly Contest 103**.
- Secured **4569** Global Rank on **LeetCode** among 23k+ participants in LeetCode **Biweekly Contest 97**.
- Secured **368** Global Rank on **CodeChef** among 5k+ participants in March Contest **Starters 82**.
- Secured **672** Global Rank on **CodeChef** among 4k+ participants in March Contest **Starters 76**.
- Highest Rating on CodeChef **1614(3-Star)** and Institute rank 21 on **GFG** among 600+ students.