Pranav Korhale

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EDUCATION

MESCOE,PUNE
B.E. in Computer Engineering
CGPA: 8.32
2017-2021 | Pune ,India

LINKS

LeetCode:// **korhalepranav**
GFG:// **korhalepranav**
Github:// **pranavkorhale**
LinkedIn:// **Pranav Korhale**

SKILLS

PROGRAMMING

- Java
- Data Structures and Algorithms

DATABASE

- MySQL

FAMILIAR

- HTML
- CSS
- Javascript
- Node.js
- Express.js
- C++
- Github

ACHIEVEMENTS

- Solve 350 + questions on the GeeksForGeeks platform.
- Solve 380 + questions on Leetcode

EXPERIENCE

COGNIZANT | Jr. Software Engineer
Dec 2021 - Present | Pune , India
- Contributed to the development of a project utilizing the .NET framework
- Designed and implemented web applications utilizing C#, ASP .NET, and SQL.
- Utilized Entity Framework to effectively map the database.
- Provided technical support to clients and colleagues while enhancing and managing existing products.
- Effectively executed additional responsibilities as assigned.

PROJECTS

EXCEL CLONE | Javascript | (Link)

- Developed a spreadsheet-style application using HTML, CSS, and JavaScript, incorporating the **Document Object Model** (DOM) to mimic the functionality of MS Excel.
- Utilized **Graph Data Structure** to implement excel formulas
- Implemented basic spreadsheet functionality including cell referencing, styling, and simple calculations.
- Used **ElectronJs** to create a cross-platform application

CLICK-CHAT WEB APP | Express.js , Socket.IO | (Link)

- Developed a real-time chat application, Click-Chat, enabling multiple users to communicate with each other in real-time
- Utilized HTML, CSS, and JavaScript for the frontend development
- Implemented a scalable and efficient backend using Express server and **Socket.IO** to power real-time communication.

TEXT FILE COMPRESSOR | Java ,Swing | (Link)

- Developed a text file compressor utilizing **Huffman coding** for efficient compression and decompression of text files.
- The compressed file size is **reduced** by approximately **50-60%** compared to the original file size.
- Implemented user-friendly interface using Java Swing for ease of use.
- Utilized **exe4j Wizard** to convert the application into a standalone executable.
- Provided clear instructions to users on how to select, compress and decompress files through the interface

PUBLICATIONS

[1] **Hybrid** approach for handwritten devanagari character recognition using **CNN and KNN**. *IRJET*, 02 | Feb 2021 (Link).