Harshit Joshi

Software Craftsman

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TECHNICAL SKILLS

Tools: GDB, Git, Make, CMake, Linux,Visual Studio, Vim
Languages: Python, C/C++, Rust, JavaScript, SQL
Libraries: ReactJS, FastApi, Express, Pupetteer, BeautifulSoup, Tkinter

PROJECTS

Zenitsu - Reddit Client | *React, Zustand, JavaScript, CSS*
- Developed a Reddit client using ReactJS to enhance speed and accessibility.
- Implemented multiple view layouts for various post types, enhancing user experience.
- Customized shortcuts for seamless user interactions.

Libgen Books Downloader | *Bash, Linux*
- Created a Bash script to simplify book downloads from the Library Genesis (Libgen) repository.
- Integrated fzf, jq, and pug to provide an intuitive user interface.

Sudoku Solver in C | *C, Raylib*
- Programmed a Sudoku solver using recursive backtracking.
- Leveraged Raylib graphics library to visualize the solving process in realtime

KeyLogger in C++ | *C++, Windows API, CMake*
- Developed a keylogger to record keyboard input events and mouse clicks in the background.
- Employed CMake for easier compilation.
- Secured 1st Position at Cyber Security Hackathon at GNA University, Phagwara, among 100 participants.

The Minotaur's Labyrinth | *C#, Unity*
- Designed a turn-based puzzle game for GMTK Game Jam 2023 in 48 hours.
- Collaborated with a team of 5 (2 artists, 2 programmers, 1 audio engineer) to deliver the project.
- Implemented core gameplay logic and animations, including pathfinding logic.
- Achieved 205 views, 15 downloads, and 52 browser plays among a total of 6,773 entries.

OPEN SOURCE WORK

Water.css
8.1K stars on github.com
- Added Theme switcher to the bookmarklet that enabled users to switch between dark/light theme on any website they visit !

Reddit Oauth Helper
149 stars on github.com
- used water.css styling library to make the UI most user friendly
- Added buttons to copy the Access Tokens to Clipboard for better user experience

EDUCATION

Panjab university   Chandigarh, India
Bachelor of Computer Applications (Grade: 82%)   *Sept 2021 – May 2024*

Achievements
Won 7 First, 4 Second and 1 Third Position prizes at inter city coding competitions