Harikrishna Mohan

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Computer Science student with interests in low-level programming and web development. Experienced in developing terminal-based applications, web-apps using MERN stack and personal CLI-tools. Passionate about the FOSS ecosystem. Looking for an internship to write production code, debug real systems, and grow as a developer.

Education

College of Engineering & Management, Punnapra, B.Tech in Computer Science   2023 - (expected 2027)
St Aloysius HSS, kollam, Higher secondary education   2020 - 22

Projects

Hair style suggesting tool   harikrishnamohann/style-me

- A web application in MERN stack that can suggest hair styles by analyzing facial features from an uploaded image or manual input.
- Technologies Used: Mongo DB, React, Typescript, Express js

A terminal based puzzle game   harikrishnamohann/uni-void

- A TUI-based sliding puzzle game where players sort a shuffled n×n grid by moving an empty tile, featuring difficulty levels, an undo/redo mechanism, and leaderboards. Employed concepts learned through coursework and self-study, including data structures and string parsing.
- Tools used: C, ncurses library

TUI-based text editor   harikrishnamohann/ated

- This is an attempt to create a simple text editor for personal use and to understand how a text editor work underneath.
- Tools used: C, ncurses library

Technologies

Languages: C, Lua, Shell scripting, Javascript, SQL

Technologies: Neovim, Nix, Linux, Git, CLI, Figma, Obsidian, MERN stack