

Harikrishna Mohan

Kerala, India | harikrishnamohan@proton.me | +91 9446676865 | harikrishnamohan.github.io
linkedin.com/in/harikrishnamohann | github.com/harikrishnamohann

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
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- 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
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- A TUI-based sliding puzzle game where players sort a shuffled $n \times n$ 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
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- 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, n8n