

Vishnu Sethuraman

vishnuseturaman.work@gmail.com ❖ Bengaluru, Karnataka ❖ Github: github.com/tren03

SKILLS & LANGUAGES

- **Skills:** *Languages* : Golang, C++, Javascript, Python
Technologies : Linux, Git, Docker, Vim/NeoVim, SSH, Tmux, HTML/CSS, React/React Native, SQL
Systems & Networking : Operating Systems, Computer Networks, Object-Oriented Programming
- **Languages:** English, Hindi, Tamil

PROJECTS

- **Cruise:**
 - Created a Chrome extension, Cruise, for blazingly fast navigation across active tabs, history, bookmarks, and frequently visited sites, streamlining browsing workflows with minimal effort, inspired by Telescope from Neovim.
 - Cruise provides customizable themes and dynamically updates the extension's appearance based on browser preferences (Dark or Light mode) for improved readability.
 - Collaborated with users to gather feature requests and implemented them, improving functionality and user experience, based on real-world feedback.
 - Check out GitHub for the Demo and installation instructions: <https://github.com/tren03/cruise>
- **SockBlockShot: Local Multiplayer Game**
 - SockBlockShot is a multiplayer game built on sockets, with real-time interaction over LAN using Pygame, utilizing a custom text based protocol built over UDP for lobby management and TCP for reliable game sessions
 - Technologies Used: Pickle for serialization, TCP/UDP servers and sockets, subprocess and thread management, Pygame for 2D graphics and game loop.
 - GitHub: <https://github.com/tren03/SockBlockShot>
- **Artechles**
 - This is a Golang-powered web application I built and maintain to share cool articles about tech and keep track of them, with data stored in a PostgreSQL database on Supabase.
 - Containerized the application with Docker and deployed it on Railway.
 - URL: <https://artechcles.up.railway.app/> Github: <https://github.com/tren03/go-website>
- **Bash automation**
 - These are some bash scripts I built to automate repeated tasks
 - **ocrauto** for automated screenshot capture and OCR processing.
 - **nopen**: Initialize a tmux session in a specified directory and automatically launch Neovim and a terminal, creating an efficient workspace setup with a single command
 - **webpass** for secure password management and retrieval.
 - GitHub: <https://github.com/tren03/bashscripts>

EDUCATION

B.M.S College of Engineering	Bachelor of Engineering, Information Science	CGPA: 8.585/10
St. Joseph's PU College, Bangalore	12th Grade	Percentage: 93.5%
New Horizon Public School	10th Grade	Percentage: 91%

