


SWASTIK BARANWAL

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Experience

The V Programming Language Organization

August 2022 – Present

Core Developer

Remote

- Working as a paid **part-time** open source developer for **The V Programming Language**.
- Fixed *several* checker, parser, scanner, and code generation-related issues.
- Implemented features like **operator overloading**, **syntax highlighting for v doc**, **match branch range expressions with constants**, **non-string map keys**, etc.
- Documented and developed *several* internal libraries.

Effective-AF

August 2023 – October 2023

Software Engineer Intern

California, United States · Remote

- Worked on adding new features to the Go GUI **Gio**.
- Refactored tons of **CLI** code for *better performance* and *error handling* and *added* new checks and features.
- Worked with **Svelte** and *added* a few components like the **left chat panel**.

Projects

Box CLI Maker | Go, ANSI Escape Code, Terminal

April 2020

- Make Highly Customized Boxes for CLI.
- Has **500+** stars on GitHub.
- Supports ANSI, Tabbed, Multi-line and Line Wrapping boxes, 16 Inbuilt Colors and True Color etc.
- Used in **Kubernetes minikube** and *several* other projects.
- Featured on **GoLang Weekly** *twice* (issue 340 and issue 435), **GitHub Radar**, **GitHub India** and **Awesome Go**.

The V Programming Language | V, C, Shell, Make

June 2019

- Simple, fast, safe, compiled language for developing maintainable software.
- One of the **core developers** of the language.
- Fixed *several* checker, parser, scanner, and code generation-related issues and implemented several features.

CLI Badges | Deno, TypeScript, Terminal

August 2020

- Generate *Badges* for your apps which are **CLI-based**.
- Made in TypeScript and Deno to learn the new framework and TypeScript in general.
- Used in *several* Deno projects.

Svelte Color Generator | JavaScript, Node, ViteJS, Svelte, Vercel, HTML, CSS

August 2023

- A color generator made in **Svelte**.
- Made for learning purposes and **ported** from a React project.
- Used *several* third-party components for the pop-up and color picker.
- Hosted on **Vercel**.

Technical Skills

Languages: Python, Go, C, C++, V, JavaScript, TypeScript

Developer Tools: VS Code, JetBrains IDEs, Git, Vercel, Bash, Hex Editor, Makefile

Technologies/Frameworks: Linux, Svelte, Node, Deno, SQL

Volunteering / Extracurricular

- A technical writer at **Dev.to**, and also work as a moderator for **C**, **C++** and **Go language tags**.
- Helps in *organizing events* in Delhi with **City JS India**, **PyDelhi Conference** and **FOSS United**.
- Given technical talks in many events and lightning talks at several conferences.
- Running a beginner-oriented article *series* on **C++**
- Part of NixOS (nixpkg-maintainers) and catppuccin team and contribute to their projects
- **CFP** Reviewer for **GopherCon 2024**
- Featured on **GitHub Open Source Friday** episode

Education

KCC Institute of Technology and Management

Sep. 2022 – 2026

Bachelors of Technology in Computer Science

Greater Noida, Uttar Pradesh