Swastik Baranwal

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Experience

Effective AF   **August 2023 – October 2023**
Software Engineer Intern   *California, United States · Remote*
- Worked on adding new features to the Go GUI using **Gio** Framework.
- Refactored tons of **CLI** code and *added* new checks and features.
- Worked with **Svelte** and *added* a few components like the **left chat panel**.

The V Programming Language Organization   **August 2022 – Present**
Core Developer   *Remote*
- Working as a **paid** Open Source Contributor to develop The V Programming Language.
- Fixed *several* checker, parser, scanner, and code generation-related issues.
- Implemented **operator overloading**, **syntax highlighting for v doc**, **match branch range expressions with constants**, **non-string map keys**, etc.
- Documented and coded *several* internal libraries.

Projects

Box CLI Maker | *Go, ANSI Escape Code, Terminal*   **April 2020**
- Make Highly Customized Boxes for CLI.
- Has around **400 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* projects 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, Intelli J, Git, Vercel, Terminal, Bash, Hex Editor
Technologies/Frameworks: Linux, Svelte, GitHub, Node, Deno

Volunteering / Extracurricular

- A Technical Writer at **Dev.to**. where I *write* tech articles related to what I learn and do daily, also a moderator for **C**, **C++** and **Go** *language tags*.
- Helps in *organizing events* in Delhi like **City JS India**, **PyDelhi Conference** and **FOSS United**.
- Given *technical talks* in many events especially **FOSS Hack 3.0** and **FOSS United Delhi**. All the talks have been given by me so far. Also, give lightning talks at several conferences.
- Contributes to *several* other open source projects, and has more than **360+ PRs** done.
- Running an article *series* on **Modern C++** tutorial which is aimed for beginners

Education

KCC Insitute of Technology and Management   **Sep. 2022 – 2026**
Bachelor of Technology in Computer Science   *Greater Noida, Uttar Pradesh*