SWASTIK BARANWAL

🔗 swastik.is-a.dev ✉ swstkbaranwal@gmail.com 💼 linkedin.com/in/swastik-baranwal ⌂ github.com/Delta456

Experience

LambdaTest   **August 2024 – Present**
Software Engineer (Open Source) Intern   *Noida, Uttar Pradesh · Hybrid*
- Contributing to open-source testing frameworks like **Selenium** and **Appium**

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 in the compiler.
- 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 of the language.

Effective·AF   **August 2023 – October 2023**
Software Engineer Intern   *California, United States · Remote*
- Worked on adding new features like using the Go GUI framework **Gio**.
- Refactored tons of **CLI** code for *better usability*.
- Added *error handling* and *added* new checks and features to improve the functionality.
- Worked with **Svelte** and *made* components like **left chat panel** which helps to navigate chats.

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.

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 *organize 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
- **CFP** Reviewer for **GopherCon USA** 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*