

Devansh Varshney

+91-7906973823 ○ New Delhi, India

varshney.devansh614@gmail.com ○ [linkedin.com/in/varshneydevansh/](https://www.linkedin.com/in/varshneydevansh/) ○ github.com/varshneydevansh

[My Askubuntu](#)

[My YouTube](#)

[My Quora](#)

Problem Solver

Open-source engineer contributing to large codebases including LibreOffice, Collabora Office, and Gitiles.

In LibreOffice, I also review/mentor contributions from newer developers. I enjoy debugging, system-level problem solving, and building maintainable features in complex codebases.

Experience

Open-source Contributions

LibreOffice Open Source Developer

Google Summer of Code 2024 & 2025 | (Jan 2024 – Present)

GSoC 2024 - Charting (Histogram & New Chart Types)

(Apr 2024 - Aug 2024)

- Implemented **native support for Histogram charts in LibreOffice Core**.
- Investigated OOXML compatibility issues; work reverted after identifying Microsoft-specific new namespace introduction and LibreOffice's own flawed data-mapping assumptions. Is now [reintroduced](#) & near completion.

Final Report: <https://devanshvarshney.com/libreoffice-google-summer-of-code-final-report>

GSoC 2025 - LibreOffice BASIC IDE (Object Browser & Code Intelligence)

(Apr 2025 - Sept 2025)

- Designed and implemented a **dynamic Object Browser for BASIC IDE** (UNO APIs + macros).
- Built infrastructure to introspect and index symbols from live user documents.
- Fixed [complex VBA regression](#) independently (15-day [investigation](#) & resolution).
- Laid architectural foundation for future auto code-completion which is still in work.

Final Report: <https://devanshvarshney.com/libreoffice-google-summer-of-code-final-report-basic-ide>

All LibreOffice contributions & reviews: <https://gerrit.libreoffice.org/q/devansh+varshney>

FilterTube.in - FOSS YouTube(Kids) content Filtering (Creator & Maintainer)

(Dec 2025)

- Reached **120+ users in 36 hours**, **2430+ users in 90 days** with positive reviews, Reverse-engineered YouTube's evolving DOM components, and XHR JSON data flows. **Vibe Coding** to accelerate pattern discovery & refactoring. Made for my ADHD & parents who wanted a control, native Android app is released, iOS WIP. **Now has 11400+ users**
- Project Link: <https://github.com/varshneydevansh/FilterTube>

FOSS TejOCR extension for LibreOffice

(May 2025)

- With **8600+ users** this is an experimental OCR feature built on Tesseract pyUNO & not good when it comes to retain the structure. Working for a new VLM [aKriti](#) based solution. <https://github.com/varshneydevansh/TejOCR>

Other OSS Contributions -

Contributions across Google Benchmark, MLX, Blockly, Infracost, CommaAI etc.

<https://github.com/search?q=author%3Avarshneydevansh+type%3Apr+created%3A2023-01-01..2026-12-30>

Google Gitiles Search feature: <https://gerrit-review.googlesource.com/q/devansh+varshney>

New Chart Types support Collabora Office: <https://gerrit.collaboraoffice.com/q/devansh+varshney>

Solved Comma AI Bounty: <https://github.com/commaai/panda/issues/2105>

Project Engineer

Wipro | June 2019–April 2021

Staff Selection Commission [Govt. of India]

(Sept 2019 - Apr 2020)

- Developed and maintained project modules using .NET MVC and PostgreSQL.

Microsoft SEMANteX

(Sept 2020 - Apr 2021)

- Tester verifying the Microsoft Windows OS build monthly updates before the next release.

Academic History

GLA University Mathura (2019)

B.Tech CSE

- *Final year project:* [Lip Reading AI](#) CNN based OpenCV, TensorFlow, Gentle. Achieved 53% accuracy.
- *Minor Project 1:* [GLAu BOT](#), a Heroku based [Twitter bot](#) using Node.js replies to users to queries on Twitter.
- *Minor Project 2:* A cross-platform [Chat and File Sharing system](#) application using Qt C++

Kendriya Vidyalaya No 2 Mathura (2015 | 2013)

Intermediate | High School

- Intermediate project was a Simple Terminal based Bank Management System written in C++.

Interests

Psychology, Mythology, Philosophy, Cooking, Baking, Apex Legends, Age of Empire