

Adhavan Mohana Sivaraj

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I am a 2024 graduate of Creative and Applied Computation from Srishti Manipal Institute, Bengaluru. I am interested in research, data analysis and humanities communication contexts.

Selected projects:

Building Constitutional Values, An exhibit and web platform (Jan 2024 – ongoing)

The Constitutional Observer (constitutional.observer) is a historical context provider. How have Constitutional values presented themselves in parliamentary discourse? *How do we encourage questioning that intersects law, culture and history?* It is currently in public beta.

- It uses documentation of the Constituent Assembly debates and the Lok Sabha as the search index. Ask a question, and a semantic search through both the indices follows.
- It allows a comparative study of an historical argument by displaying results in parallel.
- An exhibit of evocative questions accompanies the display of the platform in public spaces.

Linguistic Pluralism, Migration and Disenfranchisement in Bengaluru (Aug – Dec 2023)

How do we understand *social inequalities in Bengaluru* using *linguistic heritage as an identifier*? I developed methods to explore this *using publicly available data on Electoral Representation, School Demographics and Historical data*.

- Developing lines of enquiry in *spatial relationships between Minority Language schools and the Constituency's linguistic demographics, drawn from ERolls*.
- Building an argument of a plural and multi-lingual past, grounded in the history and the present demographics of the region.

SafeYelli.in, a street safety reporting and engagement platform for Bengaluru (Oct 2021 – Present)

SafeYelli (safeyelli.in) is a *street safety tracker/mapping project in Bengaluru* working to document street-sexual harassment and engage citizens in reflection on the nature and accessibility of our streets.

- Encouraged community contribution: 'Community Mapping', 'Mapping for Public Accountability' for mapping street infrastructure via Open Street Map. I lead all projects under this umbrella.

Work experience:

Kaagadha, a web tool for research communication with the Urban Informatics Lab at IIHS (Jun – Dec 2023, Intern – Consultant)

Kaagadha (<https://rewrite.kaagada.urbaninformaticslab.in/>) is a web application that provides a collaborative environment for multidisciplinary research and research-communication projects.

MapTales, a map based narrative explorer for Janastu (Jul – Oct 2022, Intern)

I designed and prototyped user experience possibilities for map based narrative interfaces.

Skills:

Exploratory data analysis using Python, R; Web scraping; Web Development using SvelteKit; Research and writing.