Adhavan Mohana Sivaraj

https://adhavansivaraj.xyz
Email: adhavan.sivaraj16@gmail.com

I am a student at **Srishti Manipal Institute of Art, Design and Technology**, Bengaluru, Karnataka, India. I am currently in the fourth and final year of **Creative and Applied Computation**, a multidisciplinary Bachelor of Design programme. **I graduate June 2024.** I am interested in research and data analysis in humanities computing contexts.

Work experience / Selected projects

Research Narratives with
Urban Informatics Lab at IIHS (Jun – Dec 2023, Intern – Consultant)

Research Narratives is a web application that provides a collaborative environment for multidisciplinary research and research-communication projects that intend to share patterns from data. The idea grew from the needs and collective experiences of researchers at UIL.

Repo: https://github.com/rungdung/research-narratives

- Proof of Concept published with *basic Geospatial wrangling and viz* capabilities, along with a prototype interface for annotation and collaboration.
- *Full Stack development* of the beta version with real *collaboration and multi-media annotation capabilities* ongoing.

MapTales for Janastu (Jul – Oct 2022, Intern)

Janastu (https://open.janastu.org) is a Non-Profit that provides FOSS tools for a truly inclusive web. I contributed to MapTales, a *map-based story archiving/sharing software* for communities.

SafeYelli.in (Oct 2021 – Present)

SafeYelli (https://safeyelli.in) is a *street safety tracker/mapping project in Bengaluru* whose goal is to address the challenges of statistical under-reporting of and most street sexual harassment in the city.

List of projects: https://github.com/Safe-Yelli/

- *I developed the platform* across 2022 with R and Hugo.
- *Encouraged community contribution: 'Community Mapping', 'Mapping for Public Accountability' for mapping street infrastructure via OSM*. I lead all projects under this umbrella.

Linguistic Pluralism, Migration
and Disenfranchisement in Bengaluru (Thesis I, 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 from the Census and other sources.* (Thesis document available for reading on request).

- Derived *constituency level linguistic demographic maps* from Electoral Rolls
- Developing lines of enquiry in *spatial relationships between Minority Language schools and the Constituency's demographics.*

Technical Skills

Data	Web Development	Visual Design
R, Tidyverse, QGIS, Python Polars, GeoPandas	Js, Hugo, Jamstack, Figma, SvelteKit	Illustrator, Photoshop