

# Aman Phatak

[aman@zeffo.me](mailto:aman@zeffo.me) | (+91) 8390030197 | Pune, India

[website](#), [github](#), [linkedin](#)

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## Work Experience

### Centre for Mental Health Law and Policy

March 2023 - Present

*Software Engineering Intern*

- Created software tools for researchers to automate and streamline manual workflows.
- Created web scrapers and data cleaning tools for the [SIREN project](#) to scrape articles and related metadata from various E-papers, saving over 4000 hours of manual work.
- Created scrapers for the [Public Archive](#), fully automating a previously manual workflow.

### Art Society of India

September 2023 - February 2025

*Freelance Developer*

- Developed a web app for the Art Society of India for processing user registrations, artwork submissions and payments for the [All-India Annual Art Exhibition](#).
- Digitized membership records by moving data from paper to a database via OCR.

### Scrivener AI

November 2024 - January 2025

*Software Engineering Intern*

- Refactored the entire python backend, added type annotations, data validation with pydantic, dependency handling with uv, improving maintainability of the codebase.
- Added support for chat history with Langchain and postgres for the chatbot component.

## Projects

### Manzar

*Rust, WebAssembly*

[\[source\]](#)

An animated cat sprite that follows your cursor. Uses Rust-generated WebAssembly.

### Glowworm

*Rust*

[\[source\]](#), [demo](#), [blog](#)

A [bias lighting](#) system for Wayland that synchronizes an LED strip to your monitor's colors.

See more [here](#).

## Skills

### Programming Languages

Python, Rust

### Databases

PostgreSQL, MariaDB, MongoDB

### Operating Systems

Linux, Windows

### Tools

Git, Docker

### Frameworks

Django, Svelte

## Education

### Bachelor of Computer Application

Symbiosis Institute of Computer Studies and Research

2022 – 2025

Pune, India