SAPTAK SENGUPTA

HUMAN RIGHTS CENTERED WEB DEVELOPER

GitHub: https://github.com/saptaks | Email: mail@saptaks.website
Website: https://saptaks.website | Blog: https://saptaks.blog

EXPERIENCE

Current

Freedom of the Press Foundation (Web Developer)
(Django, Wagtail, jQuery, react, jest)
Content management driven websites for journalists and tools and software focused on security and freedom of journalists.
https://freedom.press, https://pressfreedomtracker.us, https://securedrop.org

Current

Superbloom (Coach & Consultant)
(Hugo, HTML, Netlify CMS)
Superbloom is an organization focused on public interest design and user research. Work on their various web projects including https://superbloom.design, USER project. Also, work as a coach for them to coach Prototype Fund teams.

2021

Openproject (Web Developer Contractor)
(Middleman, HTML, CSS)
Open source project management software. Worked in frontend, backend and documentation. https://www.openproject.org/

2020

Weblate (Web Developer Contractor)
(Django, Python, Bootstrap)
Web-based localization platform for softwares and tools. Worked in frontend, backend and API. https://weblate.org/en/

2019, 2020

Ura Design (Web Developer Contractor)
(HTML, CSS)
Supports Open Source and Free Software Projects with Usability, Visual Identity and User Experience Design. Worked in implementing UI/UX for **Open Tech Fund's Impact and Outcome page** in HTML and CSS, with support for Tor Browser. Landing page development for **Prototype Fund demoweek.**

2019

Drover (Fullstack Developer)
(Django, jQuery, PostgreSQL)
Mobile website for organisers of events and gatherings to communicate. https://www.droverapp.com/

2018 - 2019

Gitcoin (Fullstack Developer)
(Django, jQuery, PostgreSQL, Docker, web3)
Open Source project/platform aimed towards solving sustainability problem in open source. Worked in Product Team

2017 - 2018

Zomato (Software Developer)
(PHP, MySQL, jQuery)
Food searching, recommendation and online ordering based company. Worked in the backend team.

OPEN SOURCE WORKS

OnionShare
(Python, Flask, PyQt, Tor, CSS, websocket) | https://onionshare.org
- Lets you securely and anonymously share a file of any size
- **Maintainer** of the project. Helps with bug fix, release work, traiging. Helped in the implementation of the new anonymous chat feature and censorship circumvention flow.

The A11y Project
(Eleventy, Nunjucks, SASS) | https://a11yproject.com/
- A website catered towards various contents and resources related to web accessibility. Accessibility is incredibly important, yet often overlooked in traditional digital design and development education.
- **Maintainer** of the project. Helps with maintaining and implementing features in the website

Wagtail
(Django, React, Accessibility) | https://wagtail.org/
- Django based CMS used by Google, NASA
- **Accessibility Team** member of Wagtail. Helps with accessibility discussion, drafted accessibility statement, maintain and review various plugin projects including Wagtail Autocomplete

The Django Project
(Django, HTML, CSS, Accessibility) | https://djangoproject.com
- Python web framework
- **Accessibility Team**. Helps with accessibility in Django Admin, Websites and Community Events.

Web Almanac 2022 & 2021
(Writing, Flask, SASS) | https://almanac.httparchive.org/en/2022/
- HTTP Archive's annual state of the web report.
- **Author** of Security (2022, 2021) and Accessibility chapters (2022).
- Helped with the website work including web mentions implementation

Tumpa
(QML, Python, Rust, SQLite) | https://github.com/tumpaproject/tumpa/
- Desktop GUI tool to create OpenPGP keys and move them to yubikeys.
- **Maintainer** and core developer of the desktop tool.

Open Source Design Website
(HTML, CSS, Jekyll) | https://opensourcedesign.net/
- Website for open source design community to find resources, job listing, blog, etc.
- **Maintainer** of the website. Also, part of the community helping with monthly calls, conferences.

Open Observatory of Network Interference (OONI)
(Hugo, React) | https://ooni.org/
- Reporting and monitoring evidence of internet censorship worldwide.
- Worked actively in adding different features and updating libraries in React for OONI explorer
- Implemented new UI designs in different parts of the landing page using Hugo.

Securedrop
(Python, Flask, PySelenium) | https://github.com/freedomofpress/securedrop/commits?author=saptaks
- Open Source whistleblower submission platform.
- Worked in past in **CSS** to **remove JavaScript** from modules used by the Flask application.

jQuery
(JavaScript) | https://github.com/jquery/jquery/pulls?q=is%3Apr+author%3Asaptaks+is%3Aclosed
- JavaScript DOM manipulation and querying library.
- Worked actively in various refactoring and adding shadow DOM features in vanilla JavaScript.