

EXPERIENCE

- **Google Summer of Code 2018** Remote
Student Developer at Sofa-Framework *April 2018 - August 2018*
 - **VRPN Protocol:** Improved the communication plugin by adding VRPN and QSerial protocols into the communication plugin which earlier had only ZMQ and OSC protocols.
 - **Extended Plugins:** Extended Communication plugin to ensure transmission of all types of messages.
 - **Testing and Documentation:** Added tests and documentation for VRPN and QSerial protocols and enhancing the test coverage to 96%.
- **Naxap** Remote
Backend Developer Intern *Sept 2017 - Oct 2017*
 - **Web-Crawler:** Implemented several crawlers for 15+ torrent websites for search engine.
 - **Cloudflare Challenges:** Extracted Data using XPath and CSS Selectors and integrated methods to bypass Cloudflare challenges.
- **GoFind.ai** Remote
Data Analyst Intern *July 2017 - Sept 2017*
 - **Data Cleanup:** Cleaned and validated data which was used to train classifiers. The model used for classification was Inception-v3.

PROJECTS

- **Hackathon 3.0** **Tech:** Python, Django, ChartJS, Ajax
github/publicSanitation
 - **Web-Application:** Django based Web Application which shows most cleaned toilet nearby built as part of Hackathon, developed on top of GoogleMaps API.
 - **Review-System:** A real-time feedback system built using AJAX and JQuery integrated with BackEnd.
 - **Dashboard:** A admin panel which displays usage statistics in the form of graph using ChartJS.
- **Sentiment Analyzer** **Tech:** Python, TensorFlow, NLTK, Numpy
github/Sentiment-Analyzer
 - **Analyzer:** Examine the sentiment in terms of polarity (positive or negative) with an accuracy of 96.18%.
 - **Neural-Network Model:** Multilayer perceptron to implement neural network model and NLTK is used to lemmatize .txt file and create lexicon.
- **Zealer: MiniYouTube** **Tech:** ReactJS, Javascript, Youtube API
github/zealer-mini-youtube
 - **Web-Application:** Web Application made on ReactJS Framework using YouTubeAPI. Developed minimal JavaScript ES6 and JSX code supports realtime loading enhanced.
- **Putext** **Tech:** Django, Python, xHTML2PDF
github/Putext
 - **Web-Application:** Simple text to PDF converter on Django framework using xhtml2pdf library utilizing the MVC architecture.

EDUCATION

- **Shri GS Institute of Technology and Science** Indore, India
Bachelor of Engineering in Electronics and Telecommunication *Aug. 2015 – May. 2019*

SKILLS

- **Languages:** Python, C++, C, SQL, HTML, Unix Scripting
- **Tools/Libraries:** Git, Django, Docker, Scrapy, TensorFlow, Latex
- **Open-Source Contributions:** Sofa-Framework, Rspamd, Coala
- **MOOCs:** Algorithms, Machine Learning, Parallel Programming