

Sreejith T Das

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PROFESSIONAL EXPERIENCE

Software Engineer

Mar 2022 – May 2024

Turbolab Technologies

Kakkanad, KL, India

- Developed Complex Algorithms for data manipulation and refinement
- Developed a configuration parser and internal website for data scraping
- Developed a spark pipeline for wikidata processing

Python Developer

Mar 2021- Mar 2022

- Developed Crawlers and Web Scraping Scripts

PROFESSIONAL DEVELOPMENT

6.00.2x: Introduction to Computational Thinking and Data Science - View Certificate

2019 - 2020

HackerRank Problem Solving Certification - View Certificate

Introduction to CS50 Web Programming with Python and Javascript

2017 - 2020

2020 - 2021

- Harvard University

OPEN SOURCE PROJECTS

json-miner | *Python, Algorithms, Data Structures*

Mar 2023 – Present

- Developed an algorithm to extract json data from any text.
- Was developed to extraction of json data from mainly html pages.
- It makes json extraction from pages easy.
- Was used for various projects during professional career.
- View on github

MAIN PROFESSIONAL PROJECTS

HTML Data Extraction Parser | *Python, Algorithms, lxml, regex*

August 2023 – November 2023

- Developed an algorithm to extract various types of data from HTML pages.
- Uses JSON configuration files as input to extract particular data types.
- Extracts data from html tags using, json from script tags using miner library.
- uses recursion to perform extraction using sub configuration files

Extraction UI | *Python, Javascript, Flask, PSQl, Tailwind*

November 2023 – December 2023

- Full stack development of UI for the developer to write json configurations which is stored in PSQl tables to extract data from desired html pages.
- Buildd custom json writing UI component using pre and code tags with editable content with syntax highlighting using third party code highlighter.
- Validated configurations. Showed output on test urls by integrating with request library on backend.
- Allowed developer to write the configuration to PSQl table to extract data from desired similar pages using the same configuration file

TECHNICAL SKILLS

Languages: Python, Javascript, SQL (Postgres), Mongodb, HTML/CSS

Frameworks: Flask, Tailwind, Asyncio, Playwright

Developer Tools: Git, Docker, Redis, Vim, Bash(Shell Scripting), Sublime, Flake8, Pylint

Libraries: pandas, NumPy, Matplotlib, NLTK

UNIVERSITY EDUCATION

Bharat Mata College

Bsc.Physics Main

Thrikkakara, KL, India

June 2010 - April 2013

Presidency College - Bangalore University

MBA Finance and HR - Not completed

Hebbal Bangalore, KA, India

June 2014 - April 2016