Ananyobrata Pal

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LeetCode | LINKEDIN | GitHub

EDUCATION

NETAJI SUBHASH ENGINEERING COLLEGE   2020 - 2024

BACHELORS COMPUTER SCIENCE AND ENGINEERING   GPA: 9.6

SKILLS

PROGRAMMING LANGUAGES	Python, C, C++, HTML, JavaScript, Dart
LIBRARIES / FRAMEWORKS	Requests (HTTP Library), TailwindCss, Flutter, Django, Django Rest Framework
TOOLS / PLATFORMS	Git, Github, Linux (Arch), GNU Coreutils, Commandline tools,

EXPERIENCE

HJ Infotech, July 2022 -

Have experience in full stack development, using tailwindcss, wordpress, Search Engine Optimization.

PROJECTS / OPEN-SOURCE

SmartShala | GITHUB | DEMO   Flutter, Dart

Currently working on creating an all-in-one digitization alternative to schooling system, with AI/ML to recognize text and grade students on a single platform keeping track of student's learning progress, keeping in mind teachers' convenience. Working on the frontend of the project, with my team for competing in the SMART INDIA HACKATHON 2022 FINALS.

Wall-Do! – Wallpaper Downloader | GITHUB   Tkinter, Requests, BeautifulSoup4, Python

A website scraper that crawls and parses the wall.alphacoders.com website and downloads 1080p wallpapers for the desktop, can preview and open in its portable tkinter popup, shows downloads in a canvas. Download happens in threaded architecture to make most of the client's bandwidth.

AsMake | GITHUB   FPDF, Python, Linux

A powerful, robust command-line tool that can automate the whole process of assignment generation, simply run the script in the directory containing assignments (python scripts), and AsMake detects all the assignment 'py' files, automatically runs them and solicits script input from user, records whole session and outputs the PROBLEM-CODE-OUTPUT formatted document as PDF with required headers and marked pages.

Google Forms Clone | Github

A fully responsive clone of the google forms landing page, written from scratch using Tailwindcss, ReactJS. Keeps in mind the different viewports of devices, and caters to the diversity with the help of responsive philosophy of tailwind and component-reuse of react.

SOCIAL MEDIA APP, Movie Database API | DEMO | GITHUB

Two projects, 1) A social media app that uses django models to host a web application where users can login and post topics and message / comment on each others posts GITHUB; 2) An api that acts as a database where client can connect to save movie choices of users, and fetch the database from the same endpoint.

REMOTE TORRENT DOWNLOADER| GITHUB

Away from home or working late? Automatically watch for and download torrent on PC or laptop, from magnet links with a simple email from your mobile or ipad. Can be extended to perform virtually any task with this idea.

StackOverflow Crawler for Education | GITHUB

Scrape Stack Overflow site for a particular topic, save relevant questions, and their metadata (number of questions and their answers found) according to pages in formatted text files for a central resource on a subject.

PyVCS | GITHUB

A lightweight version control system
written in python3.