Roshan Kumar **Rajak**

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Skills

Programming	C · C++ · Python · NodeJs · Nix
Technologies	Django · Flask · FastAPI · ExpressJS · Selenium · Docker · Git · Nginx
Platforms	Heroku · AWS · Linux · NixOS
Databases	MongoDB · MySQL · PostgreSQL · Redis

Projects

E-commerce Deals Monitor

PYTHON · DJANGO · CELERY · FLOWER · POSTGRESQL · DOCKER · NIXOS

- Built an advanced Django backend with cutting-edge proxy techniques for request bypassing.
- Developed APIs for several top ecommerce websites including Amazon, Flipkart and Myntra.
- Utilized Celery for background tasks to regularly check products from websites.
- Implemented a deals tracking system that sends Telegram notifications for new deals.

E-commerce

PYTHON · DJANGO · POSTGRESQL · NIX · DOCKER

- Implemented a search functionality that allows users to easily find products based on keywords or categories.
- Implemented a shopping cart system that allows users to add, remove, and modify items in their cart before checkout.
- Designed an intuitive user interface with modern and responsive design using Bootstrap.
- categories.

IGNOU Result Checker

PYTHON · PYROGRAM · BS4 · MONGODB

- Developed a user-friendly bot for IGNOU students to check their results directly in Telegram.
- Automated result checking by regularly scanning for updates on the official website.
- Implemented a web scraping mechanism to extract the result data from IGNOU's website.
- categories.

Carbon.now.sh

PYTHON · PYROGRAM · PLAYWRIGHT · FASTAPI · NIX

- Developed a Telegram bot that allows users to create beautiful images of their code using Carbon.now.sh.
- Built a standalone API that can be used independently of the Telegram bot.
- categories.

Gitly

PYTHON · PYROGRAM · HTTPX · NIX

- Developed a Telegram bot that enables users to create and share their code as Github gists with support for multiple code files.
- Integrated with Github's API to create and share gists.

Aiobuyer

PYTHON · PLAYWRIGHT · FASTAPI · DOCKER · NIX

- Developed an all-in-one buyer system that automates the purchase process for products on Amazon, Flipkart and Myntra.
- Implemented browser automation using Playwright to streamline the purchasing process and increase efficiency.

Education

Asian International University

MASTER'S IN COMPUTER APPLICATION *July. 2022 - Jan. 2024*

IGNOU(Indira Gandhi National Open University)

BACHELORS'S IN COMPUTER APPLICATION | 73.14% *July. 2019 - Jan. 2022*

Millat College (Bihar School Examination Board)

SENIOR SECONDARY | 58% *July. 2017 - Jan. 2019*