Md.Rakibul Islam

SOFTWARE ENGINEER

Dhaka,Bangladesh

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Education

B.Sc. (Hons) in Computer Science and Engineering , CGPA 3.64 / 4.00

Gono Bishwabidyalay, Savar,Dhaka

Sept. 2018 - Mar. 2023

Skills

Languages	**Python,** C, C++, JavaScript,SQL
Web Technologies	**Django , HTML, CSS**
Version Control	**Git, Github**
Machine Learning	**Scikit-learn, Pandas, Numpy, Joblib**

Technical Projects

AiDoc : A Predictive Health Analytics System Using Machine Learning

- Developed a web-based self-healthcare system using machine learning, Python, and the Django framework
- Built a machine learning model trained on medical data to predict diseases based on given symptoms
- Utilized libraries such as NumPy, Pandas, Scikit-learn, joblib, matplotlib, and seaborn and SQLite database for efficient data storage and retrieval
- Conducted tests and evaluations to measure the accuracy and effectiveness of the machine learning model, including precision, F1 score, and other metrics and got **97.5% accuracy.**

Dork-Searcher: Advanced Web Scraping Tool with Proxy Support

- Developed a web scraper in Python to gather information from multiple search engines
- Utilized ThreadPool, Regex, and BeautifulSoup libraries for efficient scraping
- Implemented proxy rotation to prevent blocking by search engines and store data in both text and JSON formats for easy analysis

Telegram Bot : Convert Webpage To PDF

- Built a Telegram bot using Python and the Python Telegram Bot library that converts URLs to PDFs using the PDFShift API.
- Developed a user-friendly menu system for easy access to bot commands and interactions.
- Implemented a progress bar feature for real-time status updates and automatic PDF renaming based on the URL's domain name for better organization.

ZipCrackPro - A Python script for password cracking of ZIP files

- Developed a Python script for performing brute force attacks on password-protected ZIP files with user given password combinations.
- Implemented multithreading to increase the speed of the password cracking process and allow for faster password recovery
- Tested and debugged the script to ensure accurate password recovery