

Pranav Yadav

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A software engineer with nearly 1 year of experience who is seeking to find opportunity to work in a fun and challenging working environment that will encourage him to improve and learn new and necessary skills as well as be motivated by the company to do his best for the sake of helping himself and the company to advance in the software engineering industry.

Skills

Languages: Core Java, JavaScript, JSP, MySQL || **DevOps:** Google Cloud || **Scripting:** Shell, Python 3.x ||
Framework: Spring Boot, Flask, Eclipse, Android Studio || **Databases:** RDBMS (PostgreSQL, MySQL) ||
Python Libraries: NumPy, Pandas, Beautiful Soup, Selenium, Requests

Work History

Software Engineer

JANUARY 2020 – JUNE 2020

Manch Technologies Pvt. Ltd., Bangalore

Responsibilities

- Responsible for extracting the data from various government based documents to keep a clean employee record in the database for ease of access using Machine Learning architectures.
- Developed core back-end APIs for data collection and analysis.
- Developed many web scraping/ crawling applications for data collection and stored it in the database using Spring Boot.
- Responsible for creating an API for converting the Postgres database to Google Sheets database which helped the team members to access the data easily.

Certifications

- Crash Course on Python by Google on Coursera. Certificate earned on February 12, 2020.
- Google Analytics for Beginners on Google Analytics Academy. Earned on December 29, 2019.
- What is Data Science? by IBM on Coursera. Certificate earned on September 2, 2019.
- Machine Learning with Python by IBM on Coursera. Certificate earned on July 28, 2019.
- Kotlin for Java Developers by JetBrains on Coursera. Certificate earned on July 18, 2019.
- Training Certificate on Core Java by Microsoft 2015.
- Swarm Robotics workshop by Technophilia Systems in association with Robotics & Computer Applications Institute of USA held at IIT (BHU), Varanasi 2015.
- Participant Certificate in Robo Soccer event at Indraprastha Institute of Information Technology, Delhi 2015.

Projects

Web Scraping/Crawling Project as a Freelancer

Client: Dany Pros (Upwork)

- Created a script which helped the client to extract the data from a website after inserting the access code and bypassing the google recaptcha.
- Responsible for Storing the specific data generated from the response headers on a CSV file as per the client requirements.
- Used Selenium, Beautiful Soup, Pandas, DeathByCaptcha, Visual Studio Code. [Python]

Web Scraping/Crawling Projects

Client: Manch Technologies Pvt. Ltd.

- Developed an API which helped the company to extract the user details by providing a tin number to the tinSearch URL and stored the details to a CSV file.
- Developed an API which helped the company to extract the US sanctions data and stored the details to a CSV file from sanctions URL.
- Used HtmlUnit, JSoup, Spring Boot. [Java]

Data Migration from Database to Google Sheet

Client: Manch Technologies Pvt. Ltd.

- Developed an API which helped the team members to extract the data from the Postgres database and stores all the data in a Google Sheet for ease of access.
- Used Google Sheets API, PostgreSQL, Spring Boot. [Java]

OCR Project for various documents

Client: SWIGGY

- Involved in developing an API which helped the company to extract the textual data from an image document (i.e. Aadhaar Card, PAN, Driving License, Bank Statements, Passport, FSSAI & CIN Certificates)
- Responsible for using different ML techniques for extracting the specific data from the data dump for keeping a clean record in the database.
- Used Google Vision API, Tesseract, Spring Boot, etc. [Java]

Reports Generation from UAT/PROD environment

Client: Coca Cola

- Involved in creating a script that helped the team members for generating the reports from the data present in UAT/PROD environment.
- Responsible for decoding the x-authorization code from the response headers generated from the URL and inserted it to the request headers for getting the access to the URL which helped in extracting the data present in the URL for reports generation.
- Responsible for adding the functionality which helped the team members for sending the reports to multiple client mail Id's using SendGrid API.
- Used Pandas, Hmac, Requests, SendGrid API, Postman, etc. [Python, Shell]

Education

JUNE 2020

Master's in Computer Application

Manipal Institute of Technology, Manipal - (7.14 CGPA)

JUNE 2017

Bachelor of Computer Application

Babu Banarasi das University, Lucknow - (57.88%)