Ashish Jain

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Software development engineer at Decimal Point Analytics Pvt Ltd.

Skills & Qualifications

- Hands-on experience with front & backend development.
- Extensive knowledge in API & Database Design.
- Creative thinker and problem solver.
- Love to explore and work with new technologies and frameworks.

Tech Stack

- **Languages**: Python, JavaScript, SQL
- **Backend Frameworks:** Flask, FastAPI, BeautifulSoup, Selenium.
- **Frontend Frameworks**: React, FireBase, NextJS.
- **Databases:** MySQL, MSSQL
- **Other**: ContextAPI, Vercel, Heroku, IIS Server, GitHub/Bitbucket.

Work History

SOFTWARE DEVELOPMENT ENGINEER | DECIMAL POINT ANALYTICS PVT. LTD.

Mar 2022 - Present

Worked on various interesting projects which included data scraping from multiple sources such as websites and PDFs and comparing the current & historical data to showcase the occurred changes; and presenting the scraped data to the Front-end for the end users to access.

- Doubled the number of websites we scraped from 100 to 200 minutes within my first 4 months.
- Produced Optimized the scraper and the comparator to increase the efficiency and accuracy of the data and reduce processing time.
- Helped produce a common scraper that can be used by multiple in-house projects.

Projects & Accomplishments

Game Kart   —   React, FireBase, ContextAPI
  - An E-Commerce website for buying gaming gears created using React library.
  - ContextAPI is used for state management, MaterialUI for styling and Firebase for backend and authentication.
  - Various features such as "Cart", "Track Shipping", etc are also implemented.

Auto Clicker   —   Python Selenium, BeautifulSoup, Requests
  - A Python program to automatically click at the specified button/link/attribute on a webpage.
  - The target URL is visited using Requests library, and then desired button/link/attribute is found using BeautifulSoup with the help of classes or ids and the click is imitated using Selenium.

Mail Sender   —   Python, smtplib
  - A basic email sender created using smtplib which sends emails from a Gmail account.
  - Receiver's Email, Subject and Body are taken as input from the user and stored using MIME.
  - A session is created using the smtp's Gmail server and port number, log in and the provided message is sent to the target email.

Education

BACHELOR OF SCIENCE (COMPUTER SCIENCE)
  - S. K. SOMAIYA DEGREE COLLEGE OF ARTS, COMMERCE AND SCIENCE (AUROBINDO)
  - Jun 2018 - Mar 2021

HIGHER SECONDARY SCHOOL CERTIFICATE
  - K. J. SOMAIYA JUNIOR COLLEGE OF SCIENCE AND COMMERCE.
  - Jun 2016 - Mar 2018

SECONDARY SCHOOL CERTIFICATE
  - St. LAWRENCE HIGH SCHOOL & JUNIOR COLLEGE
  - Jun 2015 - Mar 2016