Raj Shekhar Sinha

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PROFESSIONAL EXPERIENCE

HERE Technology- Data Engineering Intern; Jharkhand (IND)   August 2023 – October 2023

- Scrapping branch data from Axis Bank's Website.
    - Proficiently gathered an extensive dataset by scraping upwards of 20,000 data points from Axis Bank's website using scrapy.
    - Additionally, I played a critical role in optimizing data processing by designing and implementing data pipelines. These pipelines were instrumental in transforming raw web data into a structured, geo-JSON format.
- Used Selenium's Headless Browser for Web Data Extraction: Muthoot Finance
    - Scraped over 5,000 data points from Muthoot Finance's website. This innovative approach allowed for seamless, automated data extraction, contributing to the enrichment of our geo-location dataset.

Courses

Machine Learning- Internshala; Virtual   July 2023 – August 2023

The training covered fundamental concepts, from the basics of machine learning and data exploration to in-depth modules on key algorithms such as Linear Regression, Logistic Regression, Decision Trees, Ensemble Models, and Clustering (Unsupervised Learning). Additionally, I gained hands-on experience in Python for data manipulation and preprocessing. This diverse set of modules equipped me with a solid foundation in machine learning techniques and practical skills essential for data analysis and model development.

Data science - Intrainz; Virtual   Jun 2023 –July 2023

Through my training in data science, I have developed a comprehensive skill set that enables me to extract meaningful insights from complex datasets. I have a solid grasp of statistical methods and machine learning algorithms, enabling me to construct predictive models and make data-driven decisions. Moreover, I am proficient in data visualization tools like Matplotlib and Tableau, enabling me to effectively communicate findings.

Web Development - Internshala; Virtual   Jun 2023 –July 2023

The training included modules on foundational web technologies such as HTML, CSS, Bootstrap, and database management systems (DBMS). Advanced programming languages such as PHP and JavaScript were also part of the curriculum, culminating in a module on React. The training provided a well-rounded understanding of both front-end and back-end development. The final project module allowed for the practical application of acquired skills, fostering a hands-on approach to web development.

EDUCATION

Ranchi University| Bachelor's in Computer Applications(BCA) | Jharkhand, India| July 2022

Concentrations: SDLC, Network security, OOPS, C++, java | GPA: 9.4 / 10.0

Amity University | Master's in Computer Applications(MCA) | Jharkhand, India| Currently enrolled

Concentrations: Python with ML, Soft Computing, Software testing, Advanced Java | CGPA: 9.18/10.0

- Science Exhibition coordinator: Successfully hosted and managed inter college Science Exhibition with over 20 participants.

SKILLS & INTERESTS

Interests: TED Talks, Online Gaming, Cricket
Languages: Fluent in English and Native Hindi speaker; working knowledge in Japanese
Technical: SQL, Python, Prompt engineering, Microsoft Office.