

VARINDER KUMAR MAURYA

Tel: +91-6284240688 | Email: varinderkumar6284240@gmail.com | [Portfolio](#) | Ludhiana, Punjab

EDUCATION

Bachelor of Technology (CSE)

Gulzar Group of Institutes

Aug 2020 – Present

7.3 SGPA

Higher Secondary (12th)

S.D.P Sen. Sec. School

April 2019 – May 2020

81 %

Honours Diploma in Computer Application (HDCA)

STS Computer & Education

Jun 2018 – July 2019

83 %

Matriculation (10th)

Orient Convent Sen. Sec. School

April 2017– May 2018

75 %

TECHNICAL SKILLS

- **Programming languages** : Java, Python, SQL, Scala
- **Data Management** : PostgreSQL
- **Big Data Technologies** : Hadoop, Hive, Sqoop, Apache Spark
- **Cloud Platforms** : AWS (Amazon Web Services)
- **Libraries/Frameworks** : Scikit-Learn, Pandas, Numpy, Matplotlib, Seaborn, BeautifulSoup, Selenium
- **Machine Learning**: Regression Modelling (linear, logistic, regularized), Classification (Random Forest, KNN, SVM), Principle Component Analysis, Clustering (K-means, Hierarchical), Anomaly Detection.
- **Web development** : HTML, CSS, JavaScript, Webflow, Figma
- **Control system & other tools** : Git, GitHub, Postman, Visual Code
- **Familiar with** : Flask, Django, Apache Flume, Lang Chain, LLM

EXPERIENCE

PYTHON DEVELOPER

VQCODES Software Solution LLP

July 2023- Oct 2023

- **Spearheaded website development projects** from conception to completion, ensuring seamless integration with existing systems and adherence to industry best practices.
- **Developed Python APIs and scripts** to automate repetitive tasks, streamline data acquisition, and enhance operational efficiency.
- **Managed codebases** effectively, maintaining code quality, implementing version control, and fostering a collaborative development environment.

Data Science Trainee

AlmaBetter

Jan 2023-July 2023

- I Learned and applied the fundamentals of data science, including Python, SQL, statistics, and machine learning.
- Gained hands-on experience with popular data science tools and libraries, such as NumPy, Pandas and scikit-learn.

- Received mentorship from industry experts and worked collaboratively with other students on projects and assignments.

Open-Source Contributor

Jan 2021-June 2021

AMAHI & DSC-JSS-NOIDA

- I added Chinese language translation to the Amahi Android application using XML and Java.
- Work on fixing Responsiveness of the cards in QuickLearn website. In this contribution I work with JavaScript, HTML and CSS.

COURSE WORK

- IBM Data Analyst Professional Certificate
- Ultimate AWS Certified Cloud Practitioner

PERSONAL PROJECT

Hadoop Multinode Cluster Deployment on AWS EC2 Instances

- Implemented a MultiNode Hadoop Cluster on Amazon Web Services (AWS) EC2 instances to process and analyze large-scale datasets. This project involved the design, configuration, and management of a distributed computing environment for efficient and parallel processing of data.
- Tech Stack Used: **Amazon EC2, Hadoop, Linux, Shell Scripting**

NETFLIX-MOVIES-AND-TV-SHOWS-CLUSTERING

- This involves examining the types of content available in different countries, assessing whether Netflix is shifting its focus towards TV shows over movies, and employing text-based feature matching to identify similarities among content.
- Tech Stack Used: **NumPy, Pandas, Matplotlib, Plotly, Seaborn, SkLearn and nltk**
- Link : https://github.com/Varinder-KM/NETFLIX-MOVIES-AND-TV-SHOWS-CLUSTERING_Capstone-Project

AirBnb Bookings Analysis

- The project involves conducting Exploratory Data Analysis on the Airbnb dataset. This analysis will provide valuable insights that can enhance security, improve customer and host behavior, guide marketing initiatives, and enable innovative additional services.
- Tech Stack Used: **NumPy, Pandas, Matplotlib, folium, Seaborn**
- Link: https://github.com/Varinder-KM/Hotel-Bookings-Analysis_Capstone-Project

Critic Crawler

- This project uses web scraping technology to efficiently gather reviews for a specific product and provide that data in CSV format.
- Tech Stack Used: **BeautifulSoup, Python, HTML, CSS, JavaScript**
- Link: https://github.com/Varinder-KM/Critic_Crawler

LINKS

- **LinkedIn:** [linkedin.com/in/varinder-kumar-6b2193230](https://www.linkedin.com/in/varinder-kumar-6b2193230)
- **GitHub:** github.com/Varinder-KM
- **Portfolio:** <https://varinder-km.github.io/Varinder/>