HARSHIT BANSAL

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+ SKILLS

- **Methodologies:** Agile Software Development || Scrum || Quality Assurance || Forecasting || SaaS
- **Analytic Tools:** Business Intelligence || Tableau || Power BI || Analytical Skills|| Tensor flow
- **Database:** SQL || NO-SQL || Apache Spark || Hadoop || || Firebase || Snowflake || Mongo || Express
- **Tools:** Autosys, MQ, PL/SQL Developer, ServiceNow, JIRA, GENEOS, SailPoint
- **Languages:** Python, Node Js, React, Java, C, C#, C++, R, .Net
- **Technologies:** Scikit-Learn || Machine Learning || Artificial Intelligence || Pandas || NumPy

+ WORK EXPERIENCE

- **Freelancer**   *Jan 2020 – Jan 2021*
  Client: NV Overseas LLP

  - ETL raw data into MySQL to make it fit.
  - Data Sanitization via R, Python, Front-End Dev Excel VBA.
  - Business Analysis leading to ~15% increase in ROA, NAV & standing assets.
  - Transformed data to build quality reports/dashboards in Tableau, Power BI, SSAS Cube, PeopleSoft.

- **Production Support Analyst**   *Sept 2017 – Sept 2018*
  UnitedHealth Group (US Healthcare)

  - Created requisite product collateral including platform documentation, release notes and monthly product newsletter.
  - Functional designing with product managers/owners, developers, client teams and technical architects on requirements, constraints, risks.
  - Make marketing collaterals like product videos, infographics, etc. for running marketing campaigns of the product.
  - Understanding and developing the chatbots for internal usage wherever necessary.
  - **Incident Management:** Implemented strategy to achieve 100% SLA compliance for entire team
  - **Problem Management:** Reduced problem ticket backlog by 50%
  - **Defect Prevention and Troubleshooting:** Coordinated with business to prioritize the defects and plan their fix in forthcoming releases.

+ CERTIFICATION & TRAINING

- **Aws Certified Cloud Practitioner (CLF-C01)**   Issued: *March 10, 2021 - 2024*

  Amazon web services (AWS) provides a platform to create and manage any on-premises, hybrid-cloud, and all-in cloud service to host on AWS. It's infrastructure, core billing, account management, and pricing models. The core security services within the AWS Cloud and cloud migration.
  Credential ID: Validation Number 0T11WF5D1F4E1SKZ
  Validate at: http://aws.amazon.com/verification

- **Professional Certificate (PH125.1x) in Data Science**   Issued*: January 16, 2020*
  HARVARD UNIVERSITY, EdX

  The program covers concepts such as probability, inference, regression, and machine learning and helped me to develop an essential skill set that includes R programming, data wrangling with DPLYR, data visualization with ggplot2, file organization with Unix/Linux, version control with git and GitHub, and reproducible document preparation with RStudio.
  Credential ID: cacd6721799e4e17bdd1f705d6f6d2e3

+ EDUCATION

- **Post Baccalaureate Diploma in Data Analytics**   *Jan 2019 – Apr 2021*
  DOUGLAS COLLEGE, BRITISH COLUMBIA, CANADA

  Computing and Information studies with concentration in Data Analytics offers coursework deals in Machine learning, Data Visualization, Predictive Analytics, Data mining and expertise in Database with hands-on-experience in Data Science (CSIS 3860, 3175, 3290, 3360, 4260), BUSN (2429, 3431).

- **Bachelor's In Computer Application**   *Aug 2015 - Sept 2018*
  GGS INDRAPRASTHA UNIVERSITY, NEW DELHI, INDIA

  Major coursework deal with computer science (BCA 401,402), communication (BCA 103,155), mathematics (BCA 101,102,201,202), management and accounting. In brief, the bachelor's in double concentration with computer science and management is a strong foundation for a candidate with wide scope of IT project management.

+ STUDY PROJECTS

- **Business Value of Advertising Strategy: ML Python**   *May 2020*

  Web Scrapping data via python script to fetch Fortune 1000 company's data using trained model. Clean data to fit into testing model. Parsing html using Beautiful Soup. Develop regression models, evaluate them and make predictions. SVM, NN, Boost, ADA, K-means analysis for predictive modeling. Generated decision reports and recommendations.
  Git: https://github.com/Harshvardhan-ux/Business-value-of-advertising-strategy

- **Behavioural Analysis on Absenteeism on Work: R**   *July 2020*

  Data discovery to predict factors affecting absenteeism on work, collected from courier company in Brazil. Outcome variable determine the number of absenteeism hours based on Linear data model. Using statistics models to generate plots, interpret it and prepare analysis reports.
  Git: https://github.com/Harshvardhan-ux/Behavioural_Analysis

- **Clinical Trials: SQL**   *Sept 2019*

  Clone data from clinicaltrials.gov, normalize data and ETL. Clean and model 48 data variables. Develop database architecture, setting up keys and load the data into PHP application. Applying business logic to form schema. Git: https://github.com/Harshvardhan-ux/ClinicalTrials

+ POSITIONS HELD

- **Student Director**   *September 2019 - 2020*
  COLLEGE BOARD, DOUGLAS COLLEGE

  Served College Board and Education Council at Douglas college elected on a student position responsible for auditing courses, bylaws, affiliations and to work with college administration via meetings and discussion. Also, served International education committee to maintain fair bond with post-secondary institutions around the globe.

- **Co-Founder, Developer Student Club**   *November 2019*
  <u>DOUGLAS COLLEGE</u>

  Developers Student Club is a Google classroom affiliated and funded by Google where like minds meet every week to brainstorm latest technologies and algorithms. Vision of this club is to share and promote knowledge who share common interest irrespective of the background.

+ VOLUNTEER WORK

- Student Representative, BYLAWS Committee, Education Council
- Technical Lead, NAHA summer camps
- Community Member, HYC University of British Columbia (community Club)
- Street caretaker under Adopt a Street Campaign

+ REFERENCES

- Samuel Otim || Data Analytics Instructor, Douglas College || otims@douglascollege.ca || (236) 428-4705
- Priyadevi Jayapal || Database Instructor, Douglas College || jayapalp@douglascollege.ca
- Ivanna Cikes || Board Chair, Douglas College || cikesi@douglascollege.ca || 604-527-5414