DEVENDRA BISHNOI

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EDUCATION

Jaipur National University — Jaipur, India
Bachelors of Computer Applications(BCA); CGPA: 7.7 — **June 2021 - August 2024**

Rajasthan Board of Secondary Education — Bikaner, India
High School Sci Bio; Percentage: 68.4 — **June 2019 - August 2020**

SKILLS SUMMARY

- **Languages**: Python, SQL, JavaScript, C++
- **Frameworks**: Pandas, Numpy, Scikit-Learn, Matplotlib, Pytorch, Flask
- **Data Science:** Data Analysis, Data Visualization, Statistics, Machine & Deep Learning
- **Tools**: Power BI, Excel, PowerPoint, Tableau, MySQL, SQLite
- **Platforms**: Visual Studio Code, PyCharm, Jupyter Notebook
- **Soft Skills**: Time management, Creative & innovative thinking, Problem Solving, Communication

WORK EXPERIENCE

DATA SCIENCE INTERN | OASIS INFOBYTE — **October 23- November 23**

- Develop and implement a machine learning model for iris flower classification using Scikit-learn library or a custom dataset with measurements for species (setosa, versicolor, and virginica).
- Led a Python-based data science project analyzing the Covid-19 impact on India's unemployment rate, conducted data cleaning, statistical analysis, and visualization, collaborating with cross-functional teams, and documented findings for effective communication.
- Developed and implemented a car price prediction model using machine learning techniques, considering factors such as brand goodwill, car features, horsepower, and mileage, contributing to the field of research and enhancing predictive modeling skills.

PROJECTS

Movie Recommendation system | LINK — **March 24- May 2024**

- Implemented secure sign-up/sign-in functionality with password reset via OTP validation, ensuring robust user authentication. Stored credentials securely in PostgreSQL and SQLite3 databases.
- Integrated 4 types of recommendations based on genres, year, cast, and similar movies, enhancing user engagement.
- Deployed a responsive front-end with seamless navigation and movie details/trailers linked, boosting mobile accessibility.
- Utilized Cosine Algorithm for content-based recommendations using Annoy, reducing recommendation retrieval time by **20%**.

Customer Segmentation | LINK — **May 23- June 2023**

- Implemented RFM (Recency, Frequency, Monetary) analysis in Python to segment customers based on their purchasing behavior.
- Utilized Python libraries such as Pandas, NumPy, and Scikit-learn for data preprocessing, feature engineering, and clustering.
- Integrated the results into Power BI for interactive visualization, enabling stakeholders to gain insights into different customer segments and tailor marketing strategies accordingly.

Personal Portfolio Website | LINK — **June 22- July 2022**

- Developed a sleek and responsive user interface for personal portfolio website using HTML5, CSS3, JavaScript & React JS to showcase projects, skills, and achievements in a user-friendly design, ensuring a seamless browsing experience across devices.
- Utilize Gatsby for efficient static site generation, enhancing performance and SEO optimization for better visibility.
- Integrated contact forms and social media links to enhance connectivity and professional networking opportunities for potential clients and employers, while managing management across key sections: Home, About, Experience, Project, and Contact.

CERTIFICATIONS AND ACTIVITIES

The Data Science Course: Complete Data Science Bootcamp 2023 (Udemy) — **March 2023**

- Mastered **data analysis, visualization, and machine learning** techniques using tools like Python, Pandas, and scikit-learn, with practical experience in **real-world projects**.
- Gained expertise in **data cleaning, exploratory data analysis (EDA), and model building**, enhancing skills for **predictive analytics and data-driven decision-making**.

CS50's Introduction to Computer Science (Harvard University) — **January 2022**

- Developed a comprehensive understanding knowledge in algorithms, data structures, web development, and programming languages, including **C, Python, and SQL**.

- TECH-A-THON 2.0 iNeuron.ai Issued Oct 2022 Credential ID — **October 2023**
- MesoHacks 2022 MesoHacks Issued Aug 2022 Credential ID 41855a31-a240-426a-9b64-9596782adc7e — **August 2023**