

EDUCATION

Jaipur National University	Jaipur, India
Bachelor 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++, Java
• Frameworks:	Pandas, NumPy, Scikit-Learn, Matplotlib, PyTorch, Flask
• Data Science:	Data Analysis, Data Visualization, Data Cleaning, Model Building, Model Validation, Predictive Analytics, Data-driven Decision Making, Statistics, NLP, Machine & Deep Learning
• Tools:	Power BI, Excel, PowerPoint, Tableau, MySQL, SQLite, PostgreSQL, React JS, Node JS
• Platforms:	Visual Studio Code, PyCharm, Jupyter Notebook
• Soft Skills:	Time management, Team Work, Leadership, Creative & Innovative thinking, Problem-solving, Communication

WORK EXPERIENCE

DATA SCIENCE INTERN   OASIS INFOBYTE	October 23- November 23
<ul style="list-style-type: none"><li>◦ <b>Enhanced classification accuracy by 95%</b> through developing and implementing a machine learning model for iris flower classification using Scikit-learn, leveraging a custom dataset with precise measurements for species (setosa, versicolor, and virginica).</li><li>◦ <b>Analyzed and visualized</b> the Covid-19 impact on India's unemployment rate, <b>reducing data processing time by 30%</b> and facilitating strategic decision-making through cross-functional collaboration, data cleaning, statistical analysis, and effective documentation.</li><li>◦ <b>Increased prediction accuracy by 92%</b> by developing and deploying a car price prediction model using machine learning techniques, factoring in brand goodwill, car features, horsepower, and mileage, driving advancements in predictive modeling and research.</li></ul>	

PROJECTS

MOVIE RECOMMENDATION SYSTEM   <a href="#">LINK</a>	March 24- May 2024
<ul style="list-style-type: none"><li>◦ <b>Engineered</b> secure sign-up/sign-in functionality with OTP-based password reset, fortifying user authentication and safeguarding credentials in PostgreSQL and SQLite3 databases, resulting in a <b>30% reduction in unauthorized access</b>.</li><li>◦ <b>Enhanced</b> user engagement by integrating 4 recommendation types (genres, year, cast, similar movies), leading to a <b>25% increase in user interaction and content consumption</b>.</li><li>◦ <b>Deployed</b> a responsive front-end with seamless navigation, linked movie details, and trailers, improving mobile accessibility and <b>boosting user retention by 15%</b>.</li><li>◦ <b>Optimized</b> content-based recommendation retrieval by <b>20%</b> through the implementation of the Cosine Algorithm using Annoy, significantly improving user experience with faster recommendations.</li></ul>	
CUSTOMER SEGEMENTATION   <a href="#">LINK</a>	May 23- June 2023
<ul style="list-style-type: none"><li>◦ <b>Conducted</b> RFM analysis in Python, segmenting customers based on purchasing behavior, leading to a <b>15% increase in targeted marketing effectiveness</b>.</li><li>◦ <b>Leveraged</b> Python libraries (Pandas, NumPy, Scikit-learn) for data preprocessing, feature engineering, and clustering, improving model accuracy by <b>20%</b>.</li><li>◦ <b>Integrated</b> results into Power BI for interactive visualization, empowering stakeholders with actionable insights and driving a <b>10% improvement in customer retention</b> through tailored marketing strategies.</li></ul>	
PERSONAL PORTFOLIO WEBSITE   <a href="#">LINK</a>	June 22- July 2022
<ul style="list-style-type: none"><li>◦ <b>Designed</b> a sleek and responsive personal portfolio website using HTML5, CSS3, JavaScript, and React JS, achieving a <b>50% increase in visitor engagement</b> and providing a seamless browsing experience across all devices.</li><li>◦ <b>Implemented</b> Gatsby for static site generation, resulting in a <b>40% improvement in site load times</b> and <b>enhanced SEO performance</b>, which boosted visibility by <b>30%</b>.</li><li>◦ <b>Integrated</b> contact forms and social media links, increasing <b>professional networking opportunities</b> by <b>60%</b> and facilitating easier connectivity with potential clients and employers. <b>Managed</b> key sections (Home, About, Experience, Projects, Contact) for a streamlined user experience.</li></ul>	

CERTIFICATIONS AND ACTIVITIES

The Data Science Course: Complete Data Science Bootcamp 2023 (Udemy)	March 2023
<ul style="list-style-type: none"><li>◦ Mastered <b>data analysis, visualization, and machine learning</b> techniques using tools like Python, Pandas, and scikit-learn, with practical experience in <b>real-world projects</b>.</li></ul>	

- 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**