

MANISH RANA

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Technical Skills

Languages: Java, Python, C++
Machine Learning: Regression Models, Classification Models, Clustering
Deep Learning: Neural Networks, Natural Language Processing, Computer Vision
Data Analytics & Visualization: SQL, Qlik Sense, Tableau, Matplotlib, Seaborn, Pandas, NumPy
Web Technologies & Version Control: HTML, CSS, MongoDB, Express.js, React.js, Node.js, Git, GitHub

Certifications

- **Geo-data Processing using Python** by IIRS-ISRO, February 2024
- **Applied Machine Learning** by Coursera, December 2023
- **Google Cloud Foundations** by Google, October 2023

Education

Vellore Institute of Technology, Bhopal <i>Integrated M.Tech Computer Science (Computational and Data Science), 8.57/10</i>	September 2021 - Present <i>Bhopal, MadhyaPradesh</i>
Govt . H. S. School, Rampayli, Balaghat (M.P.) <i>MPBSE 12th STD, 97.8%</i>	May 2021 <i>Balaghat, MadhyaPradesh</i>
Govt . H. S. School, Rampayli, Balaghat (M.P.) <i>MPBSE 10th STD, 97.4%</i>	May 2019 <i>Balaghat, MadhyaPradesh</i>

Experience

Business Analytics powered by Qlik <i>Business Analyst Intern</i>	April 2024 - June 2024 <i>Remote</i>
<ul style="list-style-type: none">• Mastered Data visualization in Qlik Sense, created interactive dashboards that enabled real-time insights for the marketing team, resulting in increased campaign effectiveness 30%, and improved decision-making maintenance costs by 15%• Worked on a Supply Chain Management project, leveraging Machine Learning, Data Analytics, Predictive Modeling, and Data Visualization to optimize operational efficiency	

Projects

Apni Sanskriti, Apni Bhasa <i>Machine Learning, Docker, Flutter, Natural Language Processing</i>	May 2023 – July 2023
<ul style="list-style-type: none">• Engineered a cross-platform app for translating English to Braj with an intuitive UI, incorporating ML and DL integration, dictionary support, and language model visualization, achieving 92% accuracy with a 1000-row dataset.• Designed and developed a cross-platform app with a responsive design, facilitating language conversion, dictionary integration, and model visualization, boosting user experience and engagement 🔗 Web Link	
Samanvay – Well-being Assistance <i>Machine Learning, Web Development</i>	October 2022 - January 2023
<ul style="list-style-type: none">• Conceived and developed “Samanvay”, a web application that revolutionizes mental health assessments with delivering personalized solutions, achieving a 95% user satisfaction rate.• Analyzed real-time datasets containing over 1000 rows and applied Machine Learning algorithms, attaining an accuracy of over 90% 🔗 Web Link	

Extra-Curricular/Achievement

- Earned the **STARS Scholarship** at VIT Bhopal University by **ranking #2** in the district in the 12th board exams.
- Participated in Gssoc'24 open source platform, **secured 106th rank** during **Open source contribution**.
- LeetCode: Solved **500+ problems**, **Global Rank - 144,380**, achieving a rating of **1550 (Top 22%)**; GeeksforGeeks: Rated among the **Top 2.89%** coders with a **rating of 1750** and secured **Institutional rank under 50**
- Core member of **Health-O-Tech Club** (Marketing Team Lead); Active **Volunteer** at **National Service Scheme (NSS)**, VIT Bhopal University; **Winner of Kabaddi Tournament** at **AdvITYa'23 SPORTS FEST**

Additional

- **Languages** - Hindi (Native), English (Proficient)
- **Hobbies** - Cricket, Badminton, Avid Book Reader