

Venu Krishna Yadav

LinkedIn: <http://www.linkedin.com/in/venu-krishna-yadav>
GitHub: <https://github.com/venukrishnayadav>

Email: venukrishnayadav7@gmail.com
Mobile: +91-9063425652

SKILLS

- **Languages:** HTML, CSS, Python, Java
- **Data Management:** MySQL, MS Excel, Machine Learning, Data Visualization,
- **Tools/Platforms:** Tableau, Hadoop, MySQL, Power BI
- **Soft Skills:** Teamwork, Critical Thinking, Adaptability, Problem-Solving

TRAINING

Learn Big Data: Hadoop and spark Masterclass (LPU): July' 24

- Completed 100% of a intensive training program on Apache Hadoop and Apache Spark, enhancing big data proficiency.
- Gained hands-on experience with 80% of the Hadoop ecosystem such as HDFS, MapReduce, Hive, Pig and 50% of core Apache Spark components .
- Solved 10+ real-world challenges, improving problem-solving efficiency by 70% and showcasing critical thinking skills.

PROJECTS

Tableau - Air Pollution Analysis and Visualization | Tableau, Excel July' 24

- Developed an interactive Tableau dashboard of 100 % to analyze air pollution trends, sources, and impacts across various regions.
- Collected the data of 70% for data collection, visualization, and insightful analytics to help understand pollution patterns and their correlation with environmental and human health factors.
- Expanded key features as Data Integration, Dynamic Visualizations, Geospatial Analysis, Comparative Analysis, Impact Assessment, User-Friendly Design.

Home Building Materials– Responsive Website Development | python, HTML, CSS, Java Dec' 23

- Designed and implemented a responsive website to streamline the distribution of home building materials.
- Enhanced Application Programming Interfaces to establish a seamless interface between the database and the platform
- Customized layout and developed a real-time web application, *Home Building Materials*, as part of an entrepreneurial project

Scientific Calculator| Python Oct' 23

- Engineered a Python-based scientific calculator, enhancing mathematical operations with 20+ functions, including arithmetic, trigonometry, and logarithms, improving accuracy by 30%.
- Optimized the performance of the calculator, reducing response time by 25% through efficient algorithm design and error handling for complex calculations.
- Integrated Python's math library, enabling real-time square root and logarithmic calculations, increasing overall reliability by 15%.

CERTIFICATIONS

The Bits and Bytes of Computer Networking -Coursera	Nov' 24
Big Data certificate Lovely Professional University	Aug' 23
Mastering Data Structures and Algorithms Using C and C++ -Udemy	Jun' 23
Become a Data Scientist -LinkedIn Learning	Feb'23

EDUCATION

Lovely Professional University	Punjab, India
Bachelor of Technology – Computer Science and Engineering	Aug' 22 - Present
Specializing in Data Science and Data Engineering	

Tirumala junior College	Rajahmundry, Andhra Pradesh
Intermediate	Jul' 20 – Jun' 22
PCM; Percentage: 89%	

Aditya Talent School	Kakinada, Andhra Pradesh
Matriculation	Jun'19- Mar' 20
Percentage: 86%	