



LAKSHMI PRAGNA KOLLU

Bachelor of Technology
Computer Science and Engineering
National Institute of Technology, Manipur

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[LinkedIn Profile](#)

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech, CSE	National Institute of Technology, Manipur	8.95(Current)	2021-Present
Senior Secondary	Telangana State Board of Intermediate Education	96.8%	2021
Secondary	Telangana Board of Secondary Education	10.00	2019

EXPERIENCE

- Walmart** July 2023
Advanced Software Engineer Virtual Experience Program Remote
 - Advanced Data Structures: Developed data structures to enhance performance and data handling.
 - Software Architecture: Designed a UML class diagram for data processors to optimize pipeline architecture.
 - Relational Database Design: Analyzed, normalized relational databases for product and shipment tracking.
 - Data Munging: Processed and cleaned raw data to prepare it for analysis, improving data accuracy.
- Accenture** September 2024
Data Analytics and Visualization Job Simulation Remote
 - Engineered a data model integrating Content, Reaction, and Reaction Type datasets, improving analysis accuracy by 20%, and developed a data cleaning process, reducing inconsistencies by 30%.
 - Implemented a visualization dashboard that enhanced content performance clarity by 25% and identified the top 5 content categories to inform the client's strategy.

PROJECTS

- Amazon Product Sales and Review Analysis: Exploratory Data Analysis.** August-2024
Tools: Python, Pandas, Numpy, Matplotlib, Seaborn [\[G\]](#)
 - Analyzed Amazon product data entries to uncover insights on sales, reviews, and pricing patterns.
 - Performed data cleaning, conversion of discounts, prices, and ratings for accurate analysis.
 - Visualized top 10 products by rating count, Amazon Basics Ethernet Cables as the highest-rated product.
 - Conducted heatmap correlation analysis, identifying strong relationships between prices, discounts, reviews.
- MS Dhoni Career Analysis: Data Visualisation by Power BI** July 2024
Tools: Power BI, Python, Pandas [\[G\]](#)
 - Designed Power BI dashboards for comprehensive analysis of MS Dhoni's career statistics, enhancing visual insights into his performance.
 - Integrated Power Query to clean and merge multiple datasets, improving data accuracy and coherence.
 - Evaluated data transformation processes, resulting in a 25% improvement in data clarity and analysis precision.

SKILLS

- Languages and DataBases:** Python, Pandas, Numpy, Matplotlib, Seaborn, SQL, C++, Java, C
- Visualization Tools:** : Power BI, Tableau
- Developer Tools:** Jupyter Notebook, PostgreSQL, IntelliJ IDEA, Visual Studio, Microsoft Excel
- SoftSkills:** : Proficiency in English, Hindi, Telugu. Negotiation.

CERTIFICATIONS

- Ask Questions to Make Data Driven Decisions,** [Google](#) June 2024
- Prepare Data for Exploration,** [Google](#) August 2024

ACHIEVEMENTS

- NCC C and B Certificates** Testifying leadership, discipline and team collaboration skills. July 2024
- Winner Of Spelling Bee** at Ougri, the Annual Fest of NIT Manipur. September 2022