# K. Abhilash

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Aspiring Data Analyst passionate about leveraging data-driven strategies to optimize decision-making, derive actionable insights, and enhance business efficiency and innovation.

## Education

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|---|---|
| **MLR Institute of Technology**, B.Tech CSE - Cyber Security | **CGPA: 8.02** (2022-2026) |
| **Impulse Junior College**, Intermediate | **82%** (2019-2021) |
| **DAV Public School, Ranchi**, 10th Grade | **73%** (2018-2019) |

## Experience

**Student Mentor (Internship)**                                     CIE, MLR Institute of Technology
- Mentored first-year students in developing micro projects, guiding them through project ideation, implementation, and troubleshooting.
- Conducted regular review sessions to track project progress and ensure successful completion.

## Skills

**Programming & Web:** Python, Java, JavaScript, HTML, CSS
**Data & Analytics:** Pandas, NumPy, Matplotlib, Seaborn, Power BI, Excel, MySQL

## Projects

**Vrinda Store Annual Sales Analysis**
- Analyzed annual sales data using Pivot Tables in MS Excel and created a detailed report to identify trends and business insights.
- Developed an interactive dashboard to visualize key sales metrics, aiding in data-driven decision-making and strategic planning.

**IMDB Movie Data Analysis – Trends, Ratings, and Insights**
- Conducted exploratory data analysis on IMDB movie data (2006-2016) using Python, pandas, and visualization tools.
- Developed interactive visualizations using Matplotlib and Seaborn to present key insights, enhancing data-driven decision-making.

**E-commerce Purchases Data Analysis**
- Identified customer behavior trends, including most common payment methods, highest spending demographics, and peak purchasing hours.
- Derived actionable insights to assist businesses in optimizing their sales and marketing strategies.

**AI-Powered Chatbot for Personalized Interaction**
- Designed and implemented a responsive web-based platform using HTML, CSS, and JavaScript.
- Integrated the chatbot with third-party APIs for enhanced response generation and real-time data retrieval.

## Certifications

**Programming In Java** (NPTEL) - Proficient in OOP, data structures, and algorithms.
**Data Analytics Essentials** (Cisco) - Expertise in SQL, Microsoft Excel, and data visualization techniques.
**Network Security** (Infosys Springboard) - Knowledge in cybersecurity principles, threat mitigation, and encryption techniques.