

# Thejaswini k Lamani

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## EDUCATION

- Dayananda Sagar Academy of Technology and Management, Bangalore**  
MCA (Master of Computer Applications), 2023. Nov 2021 – Oct 2023  
**Coursework:** Data Structure and Algorithms, Data Analytics, Python, Java, SQL
- KLE RLS BCA College, Belgaum**  
BCA (Bachelor of Computer Application), 2021. Jun 2018 – Oct 2021  
**Coursework:** Python, Data Structure, Operating System, DBMS, HTML, CSS, JavaScript, Bootstrap

## PROJECTS

- Tomato Leaf Disease Detection, | Deep Learning, Python, Flask** [GitHub](#)
  - Built a **Deep learning** model using **TensorFlow** and **CNNs** to accurately classify the health of **tomato plants**, covering **6 different diseases** with a dataset of over **6,000** labeled images.
  - Achieved **92%** accuracy using a pre-trained **Dense Net**, while **custom models** achieved accuracy rates between **90%** and **97%**, depending on the disease.
  - Created an interactive web platform using **Flask** that facilitated **real-time user interactions**, enhancing user engagement and communication.
- Video Game Sales Data Analysis | Advanced Excel, SQL** [GitHub](#)
  - Conducted **Data analysis** on video game sales, highlighting **top-selling genres** and **Nintendo's dominance** in the **market** after **2000**.
  - Conducted in-depth data analyses on regional video game sales using **SQL**, identifying key trends that drove increased engagement within gaming communities across five different markets.
- Amazon Return Data Analysis | Advanced Excel, SQL** [GitHub](#)
  - Leveraged **Advanced Excel** to examine **annual return trends** and assess **key performance indicators**.
  - Total order returns accounted for 29,645, **highlighting significant areas for improvement**.
  - Utilized data visualization to create effective strategies for decreasing return rates and increasing customer satisfaction.
- Bank Customer Churn | PowerBI** [GitHub](#)
  - Analyzed the Maven Analytics Bank Churn dataset with **10,000 customers**, focusing on **account information**, **credit scores**, **product usage**, and **churn behaviour** to identify key trends.

## SKILLS

- Data Science: Machine Learning, Deep Learning (TensorFlow), NumPy, Pandas, Matplotlib,
- Cloud Technologies: Microsoft Azure (Data Factory, Databricks, Data Lake Gen2)
- Data Analysis: Advanced Excel, PowerBI
- Database: SQL, PostgreSQL, MongoDB
- Programming Languages: Java, Python, R
- Frameworks: Flask
- Developer Tools: VS Code, Git, Eclipse, Postman

## WORK EXPERIENCE

- Robotics and Coding Teacher, Playto Labs, Bangalore** Sept 2023 - Present –
  - Conducted 200+ classes teaching robotics and basic coding.
  - Guided students in designing robots from scratch, fostering their creativity and skills.
- Web Developer Intern, AI Master's World, Bangalore** Oct 2023 – Apr 2024
  - Built a user-friendly billing application using the **MERN stack**.
  - Enabled small businesses to create invoices quickly, reducing generation time by 50% and improving efficiency and revenue

## CERTIFICATIONS

- Achieved **SQL Intermediate Certification** from **Hacker Rank**.
- Earned **SQL Internship Certificate** from **Ivy Professional School**.
- Data Science and Visualization** from **Ivy Professional School**