Thejaswini k Lamani

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EDUCATION

• **Dayananda Sagar Academy of Technology and Management, Bangalore** **CGPA:8.6**
MCA (Master of Computer Application),2023
Coursework: Data Structure and Algorithms, Data Analytics, Python, Java, SQL

• **Kle Rlsi BCA College, Belgaum** **CGPA:8.3**
BCA (Bachelor of Computer Application),2023
Coursework: Python, Data Structure, Operating System, DBMS

WORK EXPERIENCE

• **Web Developer Intern, Ai master's world Bangalore** **Oct- Apr, 2023**
- Architected and developed an innovative Easy Billing Application leveraging the MERN stack, enabling small-scale businesses to swiftly create invoices; slashed invoice generation time by 50%, boosting operational efficiency and revenue growth.

PROJECTS

• **Plant Leaf Disease Detection, Deep Learning| Python, Machine Learning, Flask**
- Developed an innovative Plant Leaf Disease Detection system using Convolutional Neural Networks (CNN) in Python, achieving a remarkable 92.3% accuracy rate.
- Utilized Flask for seamless backend integration and Bootstrap for frontend development, ensuring an intuitive user interface.
- Achieved high precision rates ranging from 85% to 98% for different disease classes, demonstrating the efficacy of the Sequential model employed for classification.
- Spearheaded the implementation of CNN, enabling early detection of Plant leaf diseases and enhancing crop management efficiency and productivity.

• **Cancer Prediction Using FNA: | Data Analytics using Python**
- Pioneered a Python-based data analytics initiative focusing on Cancer Prediction Using Fine Needle Aspiration (FNA) data, demonstrating expertise in data science and analytics.
- Strategically applied advanced statistical techniques and cutting-edge machine learning algorithms to discern tumor characteristics, enabling precise classification as either malignant or benign.
- Empowered early diagnosis and treatment interventions through the accurate prediction of cancerous growths, underscoring the project's significance in improving patient outcomes and healthcare efficacy.
- **Blur and Fuzz Image Detection | Python, Machine Learning**
- This project is aimed at distinguishing between blurred and sharp images using TensorFlow libraries, specifically implementing a Convolutional Neural Network (CNN) algorithm
- The model architecture utilized here is Dense Net.
- incorporated the Python Imaging Library (PIL) from the image library to handle image processing tasks efficiently

TECHNICAL SKILLS

- Languages: Java, Python, JavaScript, Bootstrap.
- Full Stack Development: HTML, CSS, JavaScript, Reactjs
- Database: MySQL, MongoDB
- Data Analysis: NumPy, Pandas, Matplotlib, Excel
- Developer Tools: IntelliJ, VS Code, Git,