

MAMATHA M

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EDUCATION

JSS Science & Technology University, Mysore, MCA <i>Master of Computer Application, Data Science</i> CGPA 8.19	2024
JSS College for Women Mysuru, BCA <i>Bachelor of Computer Application</i> CGPA 7.45	2022

TECHNICAL SKILLS

- Programming Languages: Python, Java, C++
- Web Development: HTML, CSS, JavaScript
- Databases: SQL
- Version Control: Git, GitHub
- Tools & Platforms: Jupyter Notebook, Visual Studio, Tableau.

PROJECTS

Cropilizer: Crop and Fertilizer Recommendation System - Purpose: To recommend suitable crops and fertilizers based on soil and environmental data. - Technology: Python, Machine Learning, Sklearn. - Functionality: Analyses input data to suggest the best crop-fertilizer combinations with 99% accuracy, boosting productivity.	2023
• Tomato LeafSense: Intelligent Monitoring of Leaf Health for Agriculture and Horticulture - Purpose: To detect tomato leaf diseases using CNNs for agricultural improvement. - Technology: Python, Keras (VGG16, ResNet50, EfficientNet). - Functionality: Real-time image classification of tomato leaf diseases, providing accurate insights to farmers for better crop health management.	2024

EXPERIENCE

Junior Software Developer Intern SkillBuild Academy - Worked with Java, JavaScript, HTML, CSS, and Bootstrap. - Gained expertise in front-end/back-end development, responsive design, and OOP.	Jun-2024
Virtual Internship - Deloitte Australia - Completed a job simulation on Data Analytics & Forensic Technology. - Created a data dashboard using Tableau. - Classified and analyzed data using Excel to derive business insights.	Feb-2025
BCG X Customer Churn Analysis (Ongoing) - Analyzing PowerCo's customer churn data using data science methodologies. - Performing data exploration, visualization, and statistical analysis in Python.	

CERIFICATION

Python Essential 1 - Cisco	Jan -2025
Deloitte Australia Data Analytics Job Simulation - Forage	Feb-2025

ACHIEVEMENTS

Presented 'Cropilizer – A Recommendation System' at the NACI-2023, JSS Academy of Technical Education, Bengaluru